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(FILE 'HOME' ENTERED AT 12:54:17 ON 16 AUG 2005)

FILE 'REGISTRY' ENTERED AT 12:54:46 ON 16 AUG 2005

L1 2622 SEA ABB=ON PLU=ON [WFYLIMVA].[VWFYLIMA][LWFIYIMVA]C[WFYLIMVA].
[WFYLIMVA]..C.[RKLWHMI]/SQSP

FILE 'HCAPLUS' ENTERED AT 12:59:42 ON 16 AUG 2005

L2 1066 SEA ABB=ON PLU=ON L1
E DENNIS M/AU
L3 34 SEA ABB=ON PLU=ON ("DENNIS M"/AU OR "DENNIS M S"/AU)
E DENNIS MARK/AU
L4 41 SEA ABB=ON PLU=ON ("DENNIS MARK"/AU OR "DENNIS MARK S"/AU)
E DENNIS MARC/AU
L6 3 SEA ABB=ON PLU=ON L2 AND (L3 OR L4)
E GENENTECH/CS,PA
L7 3820 SEA ABB=ON PLU=ON GENENTEC?/CS,PA
L8 19 SEA ABB=ON PLU=ON L2 AND L7
L9 19 SEA ABB=ON PLU=ON (L6 OR L8)
L10 1047 SEA ABB=ON PLU=ON L2 NOT L9
L11 QUE ABB=ON PLU=ON PY<=2000 OR AY<=2000 OR PRY<=2000 OR
PRD<20000804 OR AD<20000804 OR PD<20000804
L12 522 SEA ABB=ON PLU=ON L10 AND L11

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L13 0 SEA ABB=ON PLU=ON L1

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L9 ANSWER 1 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:203433 HCAPLUS
DN 142:259993
ED Entered STN: 08 Mar 2005
TI Gene expression profile in activated CD4-positive T cells useful for the
diagnosis and treatment of immune-related diseases
IN Abbas, Alexander; Clark, Hilary; Ouyang, Wenjun; Williams, Mickey P.;
Wood, William I.; Wu, Thomas D.
PA Genentech, Inc., USA
SO PCT Int. Appl., 158 pp.
CODEN: PIXXD2

Search done by Noble Jarrell

DT Patent
 LA English
 IC C07K014-47
 CC 15-8 (Immunochemistry)
 Section cross-reference(s): 1, 3, 6

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005016962	A2	20050224	WO 2004-XA26249	20040811
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	WO 2005016962	A2	20050224	WO 2004-US26249	20040811
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2003-493546P	P	20030811		
	WO 2004-US26249	A	20040811		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2005016962	IC	C07K014-47
WO 2005016962	ECLA	C07K014/47

AB The present invention relates to composition containing novel proteins and method of using those compns. for the diagnosis and treatment of immune-related diseases. Microarray anal. of human CD4-pos. T-cells activated with an anti-CD23 and anti-CD28 antibodies together with specific cytokines provides 3232 genes that are differentially expressed in comparison to resting CD4-pos. T-cells. [This abstract record is one of two records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

ST immune disease diagnosis therapy gene expression profile; CD4 T cell activation gene expression profile; sequence protein cDNA T cell activation

IT Nervous system, disease

(Guillain-Barre syndrome; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)

IT Immunoglobulin receptors

RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (IgE type II, T-cells activated by antibodies to; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)

IT Animal cell line

(SF9, protein production in recombinant; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)

IT Cell activation

(T cell; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)

- IT Cytokines
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(T-cells activated by anti-CD23/CD28 antibodies and; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT CD28 (antigen)
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(T-cells activated by antibodies to; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Intestine, disease
(Whipple's; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT T cell (lymphocyte)
(activation; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Allergy
Inflammation
Nose, disease
(allergic rhinitis; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Dermatitis
(atopic; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Anemia (disease)
Autoimmune disease
(autoimmune hemolytic anemia; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Skin, disease
(autoimmune or immune-mediated; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Autoimmune disease
(autoimmune thrombocytopenia; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Hepatitis
(autoimmune; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Skin, disease
(bullous; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Nervous system, disease
(central, demyelination; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Dermatitis
(contact; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Transplant and Transplantation
(disease associated with; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Platelet (blood)
(disease, autoimmune thrombocytopenia; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Immunity
(disorder; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
(eosinophilia; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease

- (fibrosis; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
 RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (fusion products; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Allergy
 Allergy inhibitors
 Antiarthritics
 Antiasthmatics
 Antidiabetic agents
 Antirheumatic agents
 Asthma
 Biliary tract, disease
 CD4-positive T cell
 Celiac disease
 DNA microarray technology
 Diabetes mellitus
 Drug screening
 Food allergy
 Human
 Immunomodulators
 Molecular cloning
 Myositis
 Nervous system agents
 Osteoarthritis
 Protein sequences
 Psoriasis
 Rheumatoid arthritis
 Sarcoidosis
 Sjogren's syndrome
 Transplant rejection
 Urticaria
 Vaccines
 cDNA sequences
 (gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Fusion proteins (chimeric proteins)
 RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antisense nucleic acids
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Transplant and Transplantation
 (graft-vs.-host reaction; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Hepatitis
 (granulomatous; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (humanized; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Allergy
 Inflammation

- Lung, disease
(hypersensitivity pneumonitis; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Kidney, disease
(immune-mediated; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
(immunol.; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Intestine, disease
(inflammatory; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Rheumatoid arthritis
(juvenile; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Animal cell
(mammalian, protein production in recombinant; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Gene expression profiles, animal
(microarrays; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Diagnosis
(mol.; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(monoclonal; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Erythema
(multiforme; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Nervous system, disease
(peripheral, demyelination; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Nerve, disease
(polyneuropathy, idiopathic demyelinating; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Biliary tract, disease
(primary biliary cirrhosis; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Proteins
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(proteins; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Escherichia coli
Yeast
(protein production in recombinant; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Fibrosis
(pulmonary; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Connective tissue, disease
(scleroderma; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Biliary tract, disease
Inflammation
(sclerosing cholangitis; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related

diseases)

IT Antibodies and Immunoglobulins
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
 USES (Uses)
 (single chain; gene expression profile in activated CD4-pos. T cells
 useful for the diagnosis and treatment of immune-related diseases)

IT Spinal column, disease
 (spondyloarthropathy; gene expression profile in activated CD4-pos. T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT Lupus erythematosus
 (systemic; gene expression profile in activated CD4-pos. T cells useful
 for the diagnosis and treatment of immune-related diseases)

IT Epitopes
 (tags, fusion products; gene expression profile in activated CD4-pos. T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT Inflammation
 Thyroid gland, disease
 (thyroiditis; gene expression profile in activated CD4-pos. T cells
 useful for the diagnosis and treatment of immune-related diseases)

IT Blood vessel, disease
 Inflammation
 (vasculitis; gene expression profile in activated CD4-pos. T cells
 useful for the diagnosis and treatment of immune-related diseases)

IT Infection
 (viral hepatitis; gene expression profile in activated CD4-pos. T cells
 useful for the diagnosis and treatment of immune-related diseases)

IT Hepatitis
 (viral; gene expression profile in activated CD4-pos. T cells useful
 for the diagnosis and treatment of immune-related diseases)

IT 171404-63-0 183147-76-4 183389-40-4 185767-32-2 189086-91-7
 189202-22-0 191878-89-4 191879-22-8 191879-47-7, Protein Diff48
 (human clone HJ0015) 196005-19-3 199129-33-4, Phosphoprotein c5fw
 (human clone GS3955) 200735-24-6 200761-73-5 204463-60-5
 206368-69-6 210044-71-6 210350-33-7 210350-37-1 216154-44-8,
 KIAA0796 protein (human gene KIAA0796) 217638-82-9 222963-44-2
 222963-51-1 223661-28-7 226890-33-1 244205-26-3 244205-46-7
 253423-98-2 253424-01-0 253655-94-6 253656-09-6 268198-26-1
 268198-27-2 268535-60-0 276707-62-1 291592-22-8 295808-53-6
 301804-23-9 312344-27-7 313285-77-7 315251-93-5 324082-10-2
 324082-71-5 324082-94-2 325868-77-7 326623-42-1 334864-79-8
 353527-29-4 353527-32-9 358405-58-0 365288-37-5, Protein (human
 clone 22284 gene TM6SF1) 385849-22-9, Protein (human KG-1 cell gene
 KIAA0062) 385849-41-2 385849-59-2 385849-76-3 385849-88-7,
 Cyclophilin (human gene CyP3 isoform 3) 389149-85-3 391279-47-3
 391961-22-1 391961-41-4 391962-36-0, TB3-1 (human) 391962-70-2
 391962-81-5 391963-58-9, Immunophilin (human) 391964-12-8, Protein
 (human gene CSF1) 391964-55-9, Protein (human 180-amino acid)
 391965-57-4 391966-13-5 391966-27-1 391967-70-7 391967-79-6
 391968-25-5, Ras protein (human gene K-ras) 391969-43-0, Importin beta
 subunit (human) 391970-68-6 391971-57-6, Transcription factor DEC1
 (human) 391972-38-6 391973-38-9, Protein (human 91-amino acid)
 391974-42-8, MT-11 protein (human clone pBlue-MT-11) 391975-80-7,
 P58/GTA protein kinase (human) 392755-34-9 400705-33-1, Viperin (human
 macrophage gene cig5) 402908-82-1 403787-78-0, Protein PRO2577 (human
 clone FLB9533) 403788-59-0 405134-57-8 431542-73-3, 'Human
 alpha-catenin' (human) 431954-28-8 443696-83-1 444622-90-6,
 Carboxypeptidase M (human) 444952-58-3 444952-59-4 444952-62-9
 444952-63-0 444952-64-1 444953-85-9 444968-21-2, NSAP1 protein
 (human gene NSAP1) 445047-06-3 450419-45-1 459498-86-3, GenBank
 AAC51161 459509-52-5 459511-79-6, Protein (human 760-amino acid)
 459513-68-9, Protein (human gene LYN) 459520-61-7 459532-06-0, GenBank
 AAC37547 459557-27-8 459588-27-3, GenBank AAB53426 459593-58-9,
 GenBank CAA73698 459596-93-1, GenBank AAB62401 459598-86-8
 459602-02-9, GenBank AAC98480 459620-56-5, GenBank AAC52040

459628-32-1, GenBank AAC23982 459631-86-8, Transmembrane protein (human gene THW) 459644-04-3 459645-05-7 459685-32-6, GenBank CAB66845 459689-02-2 459702-97-7, GenBank AAD52651 459708-60-2 459720-36-6, GenBank AAB92368 459721-87-0, GenBank AAF29140 459724-98-2, GenBank CAB66853 459725-86-1, GenBank CAB66817 459726-39-7 462228-61-1, Cyclin G2 (human) 462235-62-7, Protein (human 455-amino acid) 462258-03-3 462333-54-6 473381-89-4 473526-45-3 474606-49-0 475132-83-3 475132-90-2, HLA-E (human heavy chain) 475229-13-1, Protein Id-2H (human TIG-3 cell) 477273-40-8 477273-90-8 479330-03-5, ORF (human cell line KG-1 gene KIAA0035) 479330-16-0 479331-46-9, Kinase (human cell line YT2C2 gene TTK) 479798-72-6 479799-01-4 479799-25-2 479799-61-6 479851-15-5 479851-82-6 479852-90-9 479853-40-2 479866-33-6 479866-49-4 479870-76-3 479871-10-8, Annexin II receptor (human) 479873-30-8 479882-67-2 479886-71-0 479888-84-1 479889-98-0 479890-45-4 479895-32-4 479895-60-8 479896-47-4 479897-44-4 479902-97-1 479913-52-5 479916-35-3 479921-33-0 479921-41-0, Protein (human 955-amino acid) 479926-72-2 479930-64-8 479933-55-6 479934-72-0 479941-06-5 479942-59-1 479949-22-9 479950-68-0 479950-96-4 479957-06-7 479960-16-2 479967-19-6, Protein (human clone 1r20 gene 1r20) 479976-53-9 479985-98-3 479988-39-1 480002-57-1, HGTD-P (human gene HGTD-P) 480064-13-9 480070-96-0, CTLA4 (human gene CTLA4) 480074-59-7 480076-31-1 480076-47-9 480077-21-2 480078-49-7 480078-62-4 480086-26-8 480095-70-3 480096-21-7 480096-37-5 480099-30-7 480103-52-4 480108-02-9 480110-95-0, Protein WSL-1R (human gene wsl-1) 480110-96-1, Protein WSL-S1 (human gene wsl-1) 480110-97-2, Protein WSL-S2 (human gene wsl-1) 480117-04-2, Lipase (human) 480121-95-7 480122-61-0 480124-27-4, Protein (human 508-amino acid) 480124-90-1 480125-06-2, SnRNP B' protein (human gene snRNP B') 480127-86-4 480128-41-4 480129-65-5 480136-06-9 480136-36-5 480149-75-5, NPD011 (human gene NPD011) 480150-03-6, DC29 (human) 480150-35-4, DC43 (human) 480150-36-5, DC42 (human) 480162-19-4, PNAS-145 (human) 480534-88-1 480540-84-9 480542-68-5, Dyskerin (human gene DKC1) 480545-61-7 480553-66-0 480555-70-2 480556-19-2 480565-88-6 480576-43-0 480578-35-6, Adrenal gland protein AD-004 (human) 480584-94-9, Hqp0376 protein (human clone HQ0376) 480595-45-7 480595-78-6 480596-78-9, Golgin-67 (human gene GOLGA5) 480602-57-1, EMT (human gene EMT) 480603-55-2 480628-18-0, Protein (human gene a-myb) 480628-21-5 480632-36-8

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)

IT 480645-08-7 480653-89-2, Galectin-8 (human gene gal-8) 480656-43-7 480657-64-5, Protein (human gene CATX-11) 480663-18-1 480667-92-3, Protein (human 732-amino acid) 480677-10-9 480678-60-2 480679-29-6 480681-14-9 480684-04-6 480684-92-2, Protein (human gene NPYRL) 480686-11-1 480686-59-7 480687-13-6 480689-11-0 480689-81-4 480691-45-0 480691-62-1 480708-60-9 480720-96-5 480722-07-4, Pellino 1 (human gene PELI1) 480723-58-8 480732-42-1 480732-56-7 480732-83-0 480738-52-1 480740-11-2 480741-83-1 480747-17-9 480748-74-1 480750-49-0 480753-35-3 480754-88-9 480758-45-0 480763-04-0 480766-96-9, E2F2 protein (human clone IMAGE:3351479) 480779-60-0 480781-49-5 480784-30-3 480785-92-0 480788-04-3 480793-73-5 480802-52-6 480907-19-5 480908-73-4, Thymopoietin gamma (human) 480917-92-8, 1C7 precursor (human) 480919-30-0, CAGH16 (human gene CAGH16) 480920-73-8, Protein IT12 (human) 480928-16-3 480930-61-8 480940-98-5 480942-47-0 480943-18-8 480945-45-7 480958-25-6, PHP (human) 480958-50-7 480958-53-0 480959-80-6 480962-13-8 480962-24-1 480966-17-4 480967-49-5 480968-24-9 480969-89-9 480971-98-0 480972-36-9 480974-46-7 480974-90-1 480975-17-5 480975-93-7 480976-10-1 480977-71-7 481122-34-3 481126-80-1 481128-46-5, GTP-binding protein NGB (human) 481134-96-7 481137-49-9 481138-25-4 481138-47-0 481139-34-8, Interleukin 2 (human gene IL2) 481139-37-1 481139-51-9,

Aurora/IPL1-related kinase (human) 481139-73-5 481139-74-6
 481147-74-4 481148-25-8 481149-81-9 481150-76-9, Protein (human
 clone H2 43-amino acid) 481150-77-0, Heat shock protein 90 (human clone
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 481161-66-4 481161-89-1 481163-98-8 481164-70-9 481165-21-3
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 RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP
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 (amino acid sequence; gene expression profile in activated CD4-pos. T
 cells useful for the diagnosis and treatment of immune-related
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IT 480677-10-9

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 (amino acid sequence; gene expression profile in activated CD4-pos. T
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RN 480677-10-9 HCAPLUS

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L9 ANSWER 2 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2005:203431 HCAPLUS
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ED Entered STN: 08 Mar 2005
 TI Gene expression profile in activated CD4-positive T cells useful for the
 diagnosis and treatment of immune-related diseases
 IN Abbas, Alexander; Clark, Hilary; Ouyang, Wenjun; Williams, Mickey P.;
 Wood, William I.; Wu, Thomas D.
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 158 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC C07K014-47
 CC 15-8 (Immunochemistry)
 Section cross-reference(s): 1, 3, 6

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WO 2004-US25788	A	20040810		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2005019258	IC	C07K014-47
WO 2005019258	ECLA	C07K014/47

AB The present invention relates to composition containing novel proteins and method
 of using those compns. for the diagnosis and treatment of immune-related
 diseases. Microarray anal. of human CD4-pos. T-cells activated with an
 anti-CD23 and anti-CD28 antibodies together with specific cytokines
 provides 3232 genes that are differentially expressed in comparison to
 resting CD4-pos. T-cells. [This abstract record is one of two records for
 this document necessitated by the large number of index entries required to
 fully index the document and publication system constraints.]

ST immune disease diagnosis therapy gene expression profile; CD4 T cell
 activation gene expression profile; sequence protein cDNA T cell
 activation

IT Nervous system, disease

(Guillain-Barre syndrome; gene expression profile in activated CD4-pos.
 T cells useful for the diagnosis and treatment of immune-related
 diseases)

IT Immunoglobulin receptors

RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (IgE type II, T-cells activated by antibodies to; gene expression
 profile in activated CD4-pos. T cells useful for the diagnosis and

- treatment of immune-related diseases)
- IT Animal cell line
(SF9, protein production in recombinant; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Cell activation
(T cell; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Cytokines
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(T-cells activated by anti-CD23/CD28 antibodies and; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT CD28 (antigen)
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(T-cells activated by antibodies to; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Intestine, disease
(Whipple's; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT T cell (lymphocyte)
(activation; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Allergy
Inflammation
Nose, disease
(allergic rhinitis; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Dermatitis
(atopic; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Anemia (disease)
Autoimmune disease
(autoimmune hemolytic anemia; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Skin, disease
(autoimmune or immune-mediated; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Autoimmune disease
(autoimmune thrombocytopenia; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Hepatitis
(autoimmune; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Skin, disease
(bullous; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Nervous system, disease
(central, demyelination; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Dermatitis
(contact; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Transplant and Transplantation
(disease associated with; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Platelet (blood)
(disease, autoimmune thrombocytopenia; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of

- immune-related diseases)
- IT Immunity
 - (disorder; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
 - (eosinophilia; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
 - (fibrosis; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
 - RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (fusion products; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Allergy
 - Allergy inhibitors
 - Antiarthritics
 - Antiasthmatics
 - Antidiabetic agents
 - Antirheumatic agents
 - Asthma
 - Biliary tract, disease
 - CD4-positive T cell
 - Celiac disease
 - DNA microarray technology
 - Diabetes mellitus
 - Drug screening
 - Food allergy
 - Human
 - Immunomodulators
 - Molecular cloning
 - Myositis
 - Nervous system agents
 - Osteoarthritis
 - Protein sequences
 - Psoriasis
 - Rheumatoid arthritis
 - Sarcoidosis
 - Sjogren's syndrome
 - Transplant rejection
 - Urticaria
 - Vaccines
 - cDNA sequences
 - (gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Fusion proteins (chimeric proteins)
 - RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
 - RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 - (gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antisense nucleic acids
 - RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 - (gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Transplant and Transplantation
 - (graft-vs.-host reaction; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Hepatitis
 - (granulomatous; gene expression profile in activated CD4-pos. T cells

- useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
USES (Uses)
(humanized; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)
- IT Allergy
Inflammation
Lung, disease
(hypersensitivity pneumonitis; gene expression profile in activated
CD4-pos. T cells useful for the diagnosis and treatment of
immune-related diseases)
- IT Kidney, disease
(immune-mediated; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
(immunol.; gene expression profile in activated CD4-pos. T cells useful
for the diagnosis and treatment of immune-related diseases)
- IT Intestine, disease
(inflammatory; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)
- IT Rheumatoid arthritis
(juvenile; gene expression profile in activated CD4-pos. T cells useful
for the diagnosis and treatment of immune-related diseases)
- IT Animal cell
(mammalian, protein production in recombinant; gene expression profile in
activated CD4-pos. T cells useful for the diagnosis and treatment of
immune-related diseases)
- IT Gene expression profiles, animal
(microarrays; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)
- IT Diagnosis
(mol.; gene expression profile in activated CD4-pos. T cells useful for
the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
USES (Uses)
(monoclonal; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)
- IT Erythema
(multiforme; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)
- IT Nervous system, disease
(peripheral, demyelination; gene expression profile in activated
CD4-pos. T cells useful for the diagnosis and treatment of
immune-related diseases)
- IT Nerve, disease
(polyneuropathy, idiopathic demyelinating; gene expression profile in
activated CD4-pos. T cells useful for the diagnosis and treatment of
immune-related diseases)
- IT Biliary tract, disease
(primary biliary cirrhosis; gene expression profile in activated
CD4-pos. T cells useful for the diagnosis and treatment of
immune-related diseases)
- IT Proteins
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP
(Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(proteins; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)
- IT Escherichia coli
Yeast
(protein production in recombinant; gene expression profile in activated
CD4-pos. T cells useful for the diagnosis and treatment of
immune-related diseases)
- IT Fibrosis
(pulmonary; gene expression profile in activated CD4-pos. T cells

useful for the diagnosis and treatment of immune-related diseases)

IT Connective tissue, disease
(scleroderma; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)

IT Biliary tract, disease
Inflammation
(sclerosing cholangitis; gene expression profile in activated CD4-pos.
T cells useful for the diagnosis and treatment of immune-related
diseases)

IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
USES (Uses)
(single chain; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)

IT Spinal column, disease
(spondyloarthropathy; gene expression profile in activated CD4-pos. T
cells useful for the diagnosis and treatment of immune-related
diseases)

IT Lupus erythematosus
(systemic; gene expression profile in activated CD4-pos. T cells useful
for the diagnosis and treatment of immune-related diseases)

IT Epitopes
(tags, fusion products; gene expression profile in activated CD4-pos. T
cells useful for the diagnosis and treatment of immune-related
diseases)

IT Inflammation
Thyroid gland, disease
(thyroiditis; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)

IT Blood vessel, disease
Inflammation
(vasculitis; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)

IT Infection
(viral hepatitis; gene expression profile in activated CD4-pos. T cells
useful for the diagnosis and treatment of immune-related diseases)

IT Hepatitis
(viral; gene expression profile in activated CD4-pos. T cells useful
for the diagnosis and treatment of immune-related diseases)

IT 171404-63-0 183147-76-4 183389-40-4 185767-32-2 189086-91-7
189202-22-0 191878-89-4 191879-22-8 191879-47-7, Protein Diff48
(human clone HJ0015) 196005-19-3 199129-33-4, Phosphoprotein c5fw
(human clone GS3955) 200735-24-6 200761-73-5 204463-60-5
206368-69-6 210044-71-6 210350-33-7 210350-37-1 216154-44-8,
KIAA0796 protein (human gene KIAA0796) 217638-82-9 222963-44-2
222963-51-1 223661-28-7 226890-33-1 244205-26-3 244205-46-7
253423-98-2 253424-01-0 253655-94-6 253656-09-6 268198-26-1
268198-27-2 268535-60-0 276707-62-1 291592-22-8 295808-53-6
301804-23-9 312344-27-7 313285-77-7 315251-93-5 324082-10-2
324082-71-5 324082-94-2 325868-77-7 326623-42-1 334864-79-8
353527-29-4 353527-32-9 358405-58-0 365288-37-5, Protein (human
clone 22284 gene TM6SF1) 385849-22-9, Protein (human KG-1 cell gene
KIAA0062) 385849-41-2 385849-59-2 385849-76-3 385849-88-7,
Cyclophilin (human gene CyP3 isoform 3) 389149-85-3 391279-47-3
391961-22-1 391961-41-4 391962-36-0, TB3-1 (human) 391962-70-2
391962-81-5 391963-58-9, Immunophilin (human) 391964-12-8, Protein
(human gene CSF1) 391964-55-9, Protein (human 180-amino acid)
391965-57-4 391966-13-5 391966-27-1 391967-70-7 391967-79-6
391968-25-5, Ras protein (human gene K-ras) 391969-43-0, Importin beta
subunit (human) 391970-68-6 391971-57-6, Transcription factor DEC1
(human) 391972-38-6 391973-38-9, Protein (human 91-amino acid)
391974-42-8, MT-11 protein (human clone pBlue-MT-11) 391975-80-7,
P58/GTA protein kinase (human) 392755-34-9 400705-33-1, Viperin (human
macrophage gene cig5) 402908-82-1 403787-78-0, Protein PRO2577 (human
clone FLB9533) 403788-59-0 405134-57-8 431542-73-3, 'Human
alpha-catenin' (human) 431954-28-8 443696-83-1 444622-90-6,

Carboxypeptidase M (human) 444952-58-3 444952-59-4 444952-62-9
 444952-63-0 444952-64-1 444953-85-9 444968-21-2, NSAP1 protein
 (human gene NSAP1) 445047-06-3 450419-45-1 459498-86-3, GenBank
 AAC51161 459509-52-5 459511-79-6, Protein (human 760-amino acid)
 459513-68-9, Protein (human gene LYN) 459520-61-7 459532-06-0, GenBank
 AAC37547 459557-27-8 459588-27-3, GenBank AAB53426 459593-58-9,
 GenBank CAA73698 459596-93-1, GenBank AAB62401 459598-86-8
 459602-02-9, GenBank AAC98480 459620-56-5, GenBank AAC52040
 459628-32-1, GenBank AAC23982 459631-86-8, Transmembrane protein (human
 gene THW) 459644-04-3 459645-05-7 459685-32-6, GenBank CAB66845
 459689-02-2 459702-97-7, GenBank AAD52651 459708-60-2 459720-36-6,
 GenBank AAB92368 459721-87-0, GenBank AAF29140 459724-98-2, GenBank
 CAB66853 459725-86-1, GenBank CAB66817 459726-39-7 462228-61-1,
 Cyclin G2 (human) 462235-62-7, Protein (human 455-amino acid)
 462258-03-3 462333-54-6 473381-89-4 473526-45-3 474606-49-0
 475132-83-3 475132-90-2, HLA-E (human heavy chain) 475229-13-1,
 Protein Id-2H (human TIG-3 cell) 477273-40-8 477273-90-8
 479330-03-5, ORF (human cell line KG-1 gene KIAA0035) 479330-16-0
 479331-46-9, Kinase (human cell line YT2C2 gene TTK) 479798-72-6
 479799-01-4 479799-25-2 479799-61-6 479851-15-5 479851-82-6
 479852-90-9 479853-40-2 479866-33-6 479866-49-4 479870-76-3
 479871-10-8, Annexin II receptor (human) 479873-30-8 479882-67-2
 479886-71-0 479888-84-1 479889-98-0 479890-45-4 479895-32-4
 479895-60-8 479896-47-4 479897-44-4 479902-97-1 479913-52-5
 479916-35-3 479921-33-0 479921-41-0, Protein (human 955-amino acid)
 479926-72-2 479930-64-8 479933-55-6 479934-72-0 479941-06-5
 479942-59-1 479949-22-9 479950-68-0 479950-96-4 479957-06-7
 479960-16-2 479967-19-6, Protein (human clone 1r20 gene 1r20)
 479976-53-9 479985-98-3 479988-39-1 480002-57-1, HGTD-P (human gene
 HGTD-P) 480064-13-9 480070-96-0, CTLA4 (human gene CTLA4)
 480074-59-7 480076-31-1 480076-47-9 480077-21-2 480078-49-7
 480078-62-4 480086-26-8 480095-70-3 480096-21-7 480096-37-5
 480099-30-7 480103-52-4 480108-02-9 480110-95-0, Protein WSL-1R
 (human gene wsl-1) 480110-96-1, Protein WSL-S1 (human gene wsl-1)
 480110-97-2, Protein WSL-S2 (human gene wsl-1) 480117-04-2, Lipase
 (human) 480121-95-7 480122-61-0 480124-27-4, Protein (human
 508-amino acid) 480124-90-1 480125-06-2, SnRNP B' protein (human gene
 snRNP B') 480127-86-4 480128-41-4 480129-65-5 480136-06-9
 480136-36-5 480149-75-5, NPD011 (human gene NPD011) 480150-03-6, DC29
 (human) 480150-35-4, DC43 (human) 480150-36-5, DC42 (human)
 480162-19-4, PNAS-145 (human) 480534-88-1 480540-84-9 480542-68-5,
 Dyskerin (human gene DKC1) 480545-61-7 480553-66-0 480555-70-2
 480556-19-2 480565-88-6 480576-43-0 480578-35-6, Adrenal gland
 protein AD-004 (human) 480584-94-9, Hqp0376 protein (human clone HQ0376)
 480595-45-7 480595-78-6 480596-78-9, Golgin-67 (human gene GOLGA5)
 480602-57-1, EMT (human gene EMT) 480603-55-2 480628-18-0, Protein
 (human gene a-myb) 480628-21-5 480632-36-8

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP
 (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (amino acid sequence; gene expression profile in activated CD4-pos. T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT 480645-08-7 480653-89-2, Galectin-8 (human gene gal-8) 480656-43-7
 480657-64-5, Protein (human gene CATX-11) 480663-18-1 480667-92-3,
 Protein (human 732-amino acid) 480677-10-9 480678-60-2
 480679-29-6 480681-14-9 480684-04-6 480684-92-2, Protein (human gene
 NPYRL) 480686-11-1 480686-59-7 480687-13-6 480689-11-0
 480689-81-4 480691-45-0 480691-62-1 480708-60-9 480720-96-5
 480722-07-4, Pellino 1 (human gene PELI1) 480723-58-8 480732-42-1
 480732-56-7 480732-83-0 480738-52-1 480740-11-2 480741-83-1
 480747-17-9 480748-74-1 480750-49-0 480753-35-3 480754-88-9
 480758-45-0 480763-04-0 480766-96-9, E2F2 protein (human clone
 IMAGE:3351479) 480779-60-0 480781-49-5 480784-30-3 480785-92-0
 480788-04-3 480793-73-5 480802-52-6 480907-19-5 480908-73-4,
 Thymopoietin gamma (human) 480917-92-8, 1C7 precursor (human)
 480919-30-0, CAGH16 (human gene CAGH16) 480920-73-8, Protein IT12

(human) 480928-16-3 480930-61-8 480940-98-5 480942-47-0
 480943-18-8 480945-45-7 480958-25-6, PHP (human) 480958-50-7
 480958-53-0 480959-80-6 480962-13-8 480962-24-1 480966-17-4
 480967-49-5 480968-24-9 480969-89-9 480971-98-0 480972-36-9
 480974-46-7 480974-90-1 480975-17-5 480975-93-7 480976-10-1
 480977-71-7 481122-34-3 481126-80-1 481128-46-5, GTP-binding protein
 NGB (human) 481134-96-7 481137-49-9 481138-25-4 481138-47-0
 481139-34-8, Interleukin 2 (human gene IL2) 481139-37-1 481139-51-9,
 Aurora/IPL1-related kinase (human) 481139-73-5 481139-74-6
 481147-74-4 481148-25-8 481149-81-9 481150-76-9, Protein (human
 clone H2 43-amino acid) 481150-77-0, Heat shock protein 90 (human clone
 H2) 481154-17-0 481154-42-1 481155-42-4 481158-08-1 481158-27-4
 481158-98-9 481159-28-8 481159-52-8 481160-52-5 481161-37-9
 481161-66-4 481161-89-1 481163-98-8 481164-70-9 481165-21-3
 481165-78-0 481165-92-8 481166-27-2 481166-41-0 481166-71-6
 481175-18-2 481197-24-4 481198-80-5, Cathepsin S (human gene cathepsin
 S) 481207-28-7 481207-58-3 481209-24-9 481210-97-3 481212-85-5
 481212-90-2 481213-23-4 481217-46-3 481218-00-2 481219-14-1
 481220-56-8, G protein-coupled receptor (human) 481222-07-5, Epican
 (human clone lambda 1) 481224-15-1 481228-57-3 481236-47-9, Protein
 (human 529-amino acid) 481238-65-7 481241-70-7, Protein (human
 261-amino acid) 481241-75-2, Protein (human 266-amino acid)
 481241-76-3, Protein (human 254-amino acid) 481242-95-9, Protein (human
 738-amino acid) 481247-74-9 481247-89-6 481262-20-8 481271-96-9
 481272-20-2 481275-71-2 481281-18-9, Cell adhesion molecule (human
 gene CD44) 481283-21-0, Protein (human gene CTSB) 481284-43-9
 481286-65-1 481290-85-1, Protein (human gene IGH@) 481292-80-2
 481293-42-9 481293-53-2 481304-87-4, Protein (human gene HLA-DQB1)
 481312-85-0, Protein (human gene TCRB) 481314-01-6 481315-24-6,
 Protein (human gene TNFA) 481322-36-5 481326-25-4 481328-38-5
 481329-40-2 484260-19-7 484261-91-8 484545-89-3 484546-69-2
 484546-75-0 484598-08-5 484995-05-3, PRO0992 (human clone FLB3847)
 484995-93-9, PRO0868 (human clone FLB3436) 484996-93-2, PRO1477 (human
 clone FLB5634) 484997-40-2, PRO1859 (human clone FLB7027) 484998-41-6,
 SIH002 (human cell line NB4) 485001-32-9, Protein (human gene pp6318)
 492987-23-2 492987-44-7 521360-35-0 622490-03-3 622561-78-8
 622927-07-5 622962-22-5 622998-61-2, Nesprin-2 beta 2 (human)
 623022-13-9 623026-66-4 623026-72-2 623027-05-4 623027-17-8
 623030-48-8 623046-55-9 623048-20-4 623657-60-3 623687-65-0
 623688-84-6 623689-40-7 624330-76-3, Protein (human 159-amino acid)
 624366-01-4 624590-58-5 787282-97-7 806855-66-3 806921-81-3
 806922-08-7 806923-03-5 806923-46-6 830969-34-1 843113-00-8
 RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP
 (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (amino acid sequence; gene expression profile in activated CD4-pos. T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT 139807-39-9, DNA (human gene IGH@ cDNA) 139809-00-0, GenBank M17955
 140029-45-4 140275-14-5, GenBank J03569 140287-05-4 140287-09-8
 140287-31-6, DNA (human DS6 cell gene TCRD cDNA) 140333-59-1
 140355-89-1, DNA (human gene snRNP.B') 140567-23-3 140741-74-8
 140833-61-0 144915-62-8 145405-49-8 148141-93-9, DNA (human gene
 TRGV5) 148393-79-7 150219-23-1 150246-94-9, DNA (human gene NPYRL
 cDNA) 150511-53-8 151150-52-6 151150-54-8 152345-17-0
 156709-76-1 157779-22-1 160931-19-1 161784-50-5 162197-43-5
 165148-44-7 166228-63-3 166836-45-9 167198-20-1 171091-37-5
 174171-08-5 175298-76-7 180672-23-5, DNA (human clone 191B7)
 181291-67-8 182271-67-6 182762-22-7 183080-22-0 183265-59-0
 185082-76-2 187790-33-6 187790-37-0 190921-08-5 190921-09-6
 192892-01-6 194957-42-1, DNA (human gene clarp) 195268-51-0, DNA
 (human gene CAGH16 cDNA) 195398-75-5, DNA (human clone epsilon/beta
 cDNA) 195808-69-6 197679-29-1, DNA (human clone XX-O19AO14)
 199643-14-6 199899-44-0 200075-95-2, DNA (human 1C7 precursor cDNA)
 202638-99-1, DNA (human protein IT12 cDNA) 202774-21-8, DNA (human clone
 23674 cDNA) 203611-28-3 206631-32-5 207942-20-9 208750-97-4
 209507-20-0 210445-73-1, DNA (human gene CLN2 plus flanks) 210449-75-5

210449-89-1 210466-23-2 210466-24-3 212217-71-5 217629-57-7
 220724-61-8, DNA (human gene DKC exon 15 plus flanks) 222207-69-4, DNA
 (human gene SH2D1A cDNA) 222526-58-1 223597-17-9 224340-93-6
 224710-42-3 225599-29-1, DNA (human cell line NB4 SIH002 cDNA)
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 RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP
 (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; gene expression profile in activated CD4-pos. T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

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RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)

IT 484261-90-7 484545-88-2 484546-68-1 484546-74-9 484598-07-4 492987-22-1 493130-96-4 493716-13-5 495711-17-6, DNA (human gene JUN) 496198-67-5 496325-85-0, DNA (human nesprin-2 beta 2 cDNA) 496372-66-8 496378-93-9 496379-02-3 496379-46-5 496379-65-8 496383-95-0 496403-23-7 496417-44-8, DNA (human clone CS0DE004YH22 cDNA) 497723-82-7 497732-43-1 497771-88-7 497774-08-0 497774-96-6 504602-80-6, DNA (human hypothetical protein cDNA) 504896-53-1 845885-69-0, GenBank AB474692 845885-70-3, GenBank AB432171

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)

IT 480677-10-9
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; gene expression profile in activated CD4-pos. T cells useful for the diagnosis and treatment of immune-related diseases)

RN 480677-10-9 HCAPLUS
CN Protein (human clone DKFZp564A026 gene DKFZp564A026) (9CI) (CA INDEX NAME)

SEQ 1 GGDEQVRDAA AVPAGLPRLE GGDKTLREPG AGAQEVTLKV HISDASTHQP
51 VADALIEIFT NQASIASGTS GTDGVAFIKF QYKLGSQILIV TASKHAYVPN
101 SAPWKPIRLP VFSSLSLGLL PERSATLMVY EDVVQIVSGF QGARPQPRVH
151 FQRRALRLPE NTSYSDLTAF LTAASSPSEV DSFPYLRGLD GNGTGNSTRH
201 DLTPVTAVSV HLLSSNGTPV LVDGPIYVTV PLATQSSLRH NAYVAARFDF
251 QKLGTLWLKSG LGLVHQEGSQ LTWTYIAPQL GYVWAAMSPP IPGPVVTQDI
301 TTYHTVFLLA ILGMAFILL VLLCLLLYYC RRKCLKPRQH HRKLQLPAGL
351 ESSKRQSTS MSHINLLFSR RASEFPGPLS VTSGRPEAP GTKELMSGVH
401 LEMMSPGGEG DLHTPMLKLS YSTSQEFSSR EELLSCKEED KSQISFDNLT
451 PSGTLGKDYH KSVEVFSLKA RKSMEREGYE SSGMMTTGVV TTPCSHSLYL
501 KSRTEKVQPP REANSFPRNI CTPRLHHLRK NSCWTADPLN VMMSRSVDHL
551 ERPTSFPRPG QLICCSSVDQ VNDSVYRKVL PALVIPAHYM KLPGDHSYVS
601 QPLVVPADQQ LEIERLQAEI SNPHAGIFPH PSSQIQPQPL SSQAISQQLH
651 QDAGTREWSP QNASMESLS IPASLNDAAAL AQMNSEVQLL TEKALMELGG
701 GKPLPHTRAW FVSLDGRSNA HVRHSYIDLQ RAGRNGSNDL SLDGVDME
751 PKSARKGRGD ALSLQQNYPP VQEHQQKEPR APDSTAYTQL VYLDDEQSG
801 SECGTTVCTP EDSALRCLLE GSSRRSGGQL PSLQEETTRR TADAPSEPAA

851 SPHQRRSAHE EEEDDDDDQ GEDKKSPWQK REERPLMAFN IK

L9 ANSWER 3 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:482032 HCAPLUS
 DN 141:37605
 ED Entered STN: 16 Jun 2004
 TI Gene expression profile in activated human CD4+ T cells useful for the
 diagnosis and treatment of immune-related diseases
 IN Clark, Hilary; Hunte, Bridsell; Jackman, Janet; Schoenfeld, Jill;
 Williams, Mickey P.; Wood, William I.; Wu, Thomas D.; Bodary, Sarah
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 8598 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC A61K
 CC 15-8 (Immunochemistry)
 Section cross-reference(s): 1, 3, 6

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004047728	A2	20040610	WO 2003-XA35971	20031124
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	WO 2004047728	A2	20040610	WO 2003-US35971	20031124
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2002-429069P	P	20021126		
	WO 2003-US35971	A	20031124		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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WO 2004047728	IC	A61K
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AB The present invention relates to compns. containing novel proteins and methods of using those compns. for the diagnosis and treatment of immune-related diseases. Microarray anal. of human CD4+ T-cells activated with an anti-CD3 antibody together with either ICAM-1 or anti-CD28 antibody provides genes that are differentially expressed in comparison to resting CD4+ T-cells. [This abstract record is one of two records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

ST T cell activation gene expression profile; cDNA protein sequence activated
 T cell human; immune disease diagnosis therapy gene expression profile

IT CD antigens

RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (CD54, anti-CD3 antibodies and, T cell activation by; gene expression

- profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Animal cell line
(CHO, recombinant expression host; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Nervous system, disease
(Guillain-Barre syndrome; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Cell adhesion molecules
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(ICAM-1 (intercellular adhesion mol. 1), anti-CD3 antibodies and, T cell activation by; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT CD28 (antigen)
CD3 (antigen)
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(T cell activation by antibodies to; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Cell activation
(T cell; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Intestine, disease
(Whipple's; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT T cell (lymphocyte)
(activation; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Allergy
Inflammation
Nose, disease
(allergic rhinitis; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(anti-CD3 or anti-CD28, T cell activation by; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Dermatitis
(atopic; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Hepatitis
(autoimmune chronic; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Anemia (disease)
Autoimmune disease
(autoimmune hemolytic anemia; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Skin, disease
(autoimmune or immune-mediated; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Autoimmune disease
(autoimmune thrombocytopenia; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Skin, disease
(bullous; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Epitopes

- (chimeric proteins with; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Nervous system, disease
(chronic inflammatory demyelinating polyneuropathy; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Dermatitis
(contact; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Nerve, disease
(demyelination; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Transplant and Transplantation
(disease associated with; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Platelet (blood)
(disease, autoimmune thrombocytopenia; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Immunity
(disorder; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
(eosinophilia; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
(fibrosis; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(fusion products; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Allergy
Allergy inhibitors
Anti-inflammatory agents
Antiarthritics
Antiasthmatics
Antidiabetic agents
Antirheumatic agents
Asthma
Biliary tract, disease
Biomarkers
CD4-positive T cell
Celiac disease
DNA microarray technology
Diabetes mellitus
Drug screening
Drug targets
Food allergy
Gene expression profiles, animal
Human
Immunoassay
Inflammation
Mammalia
Molecular cloning
Nucleic acid hybridization
Osteoarthritis
Psoriasis
Rheumatoid arthritis
Sarcoidosis
Sjogren's syndrome
Transplant rejection

- Urticaria
Vaccines
(gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Proteins
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antisense nucleic acids
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Transplant and Transplantation
(graft-vs.-host reaction; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Hepatitis
(granulomatous; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(humanized; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Allergy
Inflammation
Lung, disease
(hypersensitivity pneumonitis; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Nervous system, disease
(idiopathic demyelinating polyneuropathy; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Muscle, disease
(idiopathic inflammatory myopathy; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Kidney, disease
(immune-mediated; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
(immunol.; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Hepatitis
(infectious; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Intestine, disease
(inflammatory; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Rheumatoid arthritis
(juvenile; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Diagnosis
(mol.; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(monoclonal; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)
- IT Erythema
(multiforme; gene expression profile in activated human CD4+ T cells

useful for the diagnosis and treatment of immune-related diseases)

IT Biliary tract, disease
(primary biliary cirrhosis; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT Fibrosis
(pulmonary; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT Escherichia coli
Yeast
(recombinant expression host; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT Connective tissue, disease
(scleroderma; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT Biliary tract, disease
Inflammation
(sclerosing cholangitis; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(single chain; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT Spinal column, disease
(spondyloarthropathy; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT Lupus erythematosus
(systemic; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT Inflammation
Thyroid gland, disease
(thyroiditis; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT Blood vessel, disease
Inflammation
(vasculitis; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT Fusion proteins (chimeric proteins)
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(with epitope tags or Ig Fc region; gene expression profile in activated human CD4+ T cells useful for the diagnosis and treatment of immune-related diseases)

IT 212757-08-9P 269745-28-0P 330936-69-1P 482366-71-2P 588727-10-0P
588727-12-2P 588727-16-6P 588727-24-6P 678990-65-3P 678990-87-9P
678990-88-0P 678990-95-9P 688739-50-6P 688739-51-7P 688739-52-8P
688739-54-0P 688739-57-3P 688739-61-9P 688739-62-0P 688739-63-1P
688739-65-3P 688739-66-4P 696586-05-7P 696602-33-2P 696602-47-8P
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700880-13-3P 700880-15-5P 700880-17-7P 700880-19-9P 700880-21-3P
700880-23-5P 700880-25-7P 700880-27-9P 700880-29-1P 700880-31-5P
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700880-64-4P 700880-68-8P 700880-70-2P 700880-73-5P 700880-76-8P
700880-78-0P 700880-80-4P 700880-82-6P 700880-84-8P 700880-86-0P
700880-88-2P 700880-91-7P 700880-93-9P 700880-95-1P 700880-97-3P
700880-99-5P 700881-00-1P 700881-02-3P 700881-04-5P 700881-06-7P
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700884-01-1P	700884-03-3P	700884-05-5P	700884-06-6P	700884-10-2P
700884-12-4P	700884-14-6P	700884-16-8P	700884-18-0P	700884-20-4P
700884-23-7P	700884-26-0P			

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(amino acid sequence; gene expression profile in activated human CD4+ T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT	700884-28-2P	700884-30-6P	700884-32-8P	700884-34-0P	700884-36-2P
	700884-38-4P	700884-40-8P	700884-42-0P	700884-45-3P	700884-47-5P
	700884-49-7P	700884-51-1P	700884-53-3P	700884-55-5P	700884-57-7P
	700884-59-9P	700884-61-3P	700884-63-5P	700884-66-8P	700884-69-1P
	700884-71-5P	700884-73-7P	700884-76-0P	700884-78-2P	700884-81-7P
	700884-87-3P	700884-89-5P	700884-91-9P	700884-93-1P	700884-96-4P
	700884-98-6P	700885-00-3P	700885-02-5P	700885-05-8P	700885-08-1P
	700885-10-5P	700885-12-7P	700885-14-9P	700885-18-3P	700885-20-7P
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	700885-56-9P	700885-58-1P	700885-61-6P	700885-63-8P	700885-66-1P
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700889-61-8P	700889-64-1P			

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	700889-79-8P	700889-81-2P	700889-84-5P	700889-86-7P	700889-88-9P
	700889-90-3P	700889-92-5P	700889-95-8P	700889-97-0P	700890-01-3P
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	700893-90-9P	700893-92-1P	700893-95-4P	700893-99-8P	700894-01-5P
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	700894-13-9P	700894-15-1P	700894-18-4P	700894-20-8P	700894-22-0P
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IT	700895-28-9P	700895-30-3P	700895-33-6P	700895-35-8P	700895-37-0P
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	700895-54-1P	700895-56-3P	700895-60-9P	700895-62-1P	700895-64-3P
	700895-66-5P	700895-68-7P	700895-70-1P	700895-72-3P	700895-74-5P
	700895-77-8P	700895-79-0P	700895-82-5P	700895-85-8P	700895-90-5P
	700895-93-8P	700895-96-1P	700895-98-3P	700896-01-1P	700896-04-4P
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	700896-37-3P	700896-39-5P	700896-42-0P	700896-44-2P	700896-46-4P
	700896-51-1P	700896-53-3P	700896-55-5P	700896-57-7P	700896-62-4P
	700896-64-6P	700896-72-6P	700896-74-8P	700896-76-0P	700896-78-2P
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	700897-02-5P	700897-04-7P	700897-06-9P	700897-08-1P	700897-10-5P
	700897-12-7P	700897-14-9P	700897-17-2P	700897-19-4P	700897-21-8P
	700897-23-0P	700897-25-2P	700897-27-4P	700897-29-6P	
	700897-31-0P	700897-34-3P	700897-36-5P	700897-38-7P	700897-41-2P
	700897-45-6P	700897-49-0P	700897-51-4P	700897-53-6P	700897-55-8P
	700897-57-0P	700897-59-2P	700897-61-6P	700897-63-8P	700897-67-2P
	700897-69-4P	700897-71-8P	700897-73-0P	700897-75-2P	700897-77-4P
	700897-79-6P	700897-81-0P	700897-84-3P	700897-86-5P	700897-88-7P
	700897-90-1P	700897-92-3P	700897-94-5P	700897-97-8P	700898-00-6P
	700898-02-8P	700898-04-0P	700898-06-2P	700898-08-4P	700898-10-8P
	700898-12-0P	700898-15-3P	700898-19-7P	700898-21-1P	700898-23-3P
	700898-26-6P	700898-28-8P	700898-30-2P	700898-32-4P	700898-34-6P
	700898-36-8P	700898-38-0P	700898-40-4P	700898-43-7P	700898-45-9P
	700898-47-1P	700898-49-3P	700898-51-7P	700898-53-9P	700898-55-1P
	700898-57-3P	700898-59-5P	700898-61-9P	700898-63-1P	700898-65-3P
	700898-67-5P	700898-69-7P	700898-71-1P	700898-73-3P	700898-75-5P
	700898-77-7P	700898-79-9P	700898-81-3P	700898-83-5P	700898-85-7P
	700898-87-9P	700898-89-1P	700898-91-5P	700898-93-7P	700898-95-9P
	700898-97-1P	700898-99-3P	700899-01-0P	700899-03-2P	700899-05-4P
	700899-07-6P	700899-09-8P	700899-11-2P	700899-13-4P	700899-15-6P
	700899-17-8P	700899-19-0P	700899-21-4P	700899-23-6P	700899-25-8P
	700899-27-0P	700899-29-2P	700899-32-7P	700899-34-9P	700899-36-1P
	700899-38-3P	700899-40-7P	700899-42-9P	700899-44-1P	700899-46-3P
	700899-48-5P	700899-50-9P	700899-52-1P	700899-54-3P	700899-57-6P
	700899-59-8P	700899-61-2P	700899-63-4P	700899-65-6P	700899-67-8P
	700899-70-3P	700899-72-5P	700899-74-7P	700899-76-9P	700899-78-1P
	700899-80-5P	700899-82-7P	700899-84-9P	700899-86-1P	700899-88-3P
	700899-90-7P	700899-92-9P	700899-95-2P	700899-97-4P	700899-99-6P
	700900-01-2P	700900-04-5P	700900-06-7P	700900-08-9P	700900-10-3P
	700900-12-5P	700900-14-7P	700900-16-9P	700900-18-1P	700900-20-5P
	700900-22-7P	700900-24-9P	700900-26-1P	700900-28-3P	700900-30-7P
	700900-32-9P	700900-34-1P	700900-36-3P	700900-38-5P	700900-40-9P
	700900-42-1P	700900-45-4P	700900-47-6P	700900-49-8P	700900-51-2P
	700900-53-4P	700900-56-7P	700900-59-0P		

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
(Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; gene expression profile in activated human CD4+ T
cells useful for the diagnosis and treatment of immune-related
diseases)

IT	700900-61-4P	700900-63-6P	700900-65-8P	700900-67-0P	700900-71-6P
	700900-73-8P	700900-75-0P	700900-77-2P	700900-79-4P	700900-81-8P
	700900-83-0P	700900-85-2P	700900-87-4P	700900-89-6P	700900-91-0P
	700900-93-2P	700900-95-4P	700900-97-6P	701319-69-9P	701319-72-4P
	701319-74-6P	701319-76-8P	701319-78-0P	701319-80-4P	701319-82-6P

701319-84-8P	701319-86-0P	701319-88-2P	701319-90-6P	701319-92-8P
701319-95-1P	701319-97-3P	701319-99-5P	701320-02-7P	701320-04-9P
701320-06-1P	701320-08-3P	701320-10-7P	701320-12-9P	701320-14-1P
701320-16-3P	701320-18-5P	701320-20-9P	701320-22-1P	701320-24-3P
701320-26-5P	701320-28-7P	701320-30-1P	701320-32-3P	701320-34-5P
701320-37-8P	701320-39-0P	701320-41-4P	701320-43-6P	701320-45-8P
701320-47-0P	701320-49-2P	701320-51-6P	701320-53-8P	701320-55-0P
701320-57-2P	701320-59-4P	701320-61-8P	701320-63-0P	701320-65-2P
701320-68-5P	701320-71-0P	701320-74-3P	701320-76-5P	701320-78-7P
701320-80-1P	701320-82-3P	701320-85-6P	701320-87-8P	701320-89-0P
701320-91-4P	701320-93-6P	701320-95-8P	701320-97-0P	701321-00-8P
701321-02-0P	701321-04-2P	701321-06-4P	701321-08-6P	701321-10-0P
701321-12-2P	701321-14-4P	701321-16-6P	701321-18-8P	701321-20-2P
701321-22-4P	701321-24-6P	701321-26-8P	701321-28-0P	701321-30-4P
701321-32-6P	701321-35-9P	701321-37-1P	701321-39-3P	701321-41-7P
701321-43-9P	701321-45-1P	701321-47-3P	701321-49-5P	701321-51-9P
701321-53-1P	701321-55-3P	701321-57-5P	701321-59-7P	701321-61-1P
701321-63-3P	701321-65-5P	701321-67-7P	701321-69-9P	701321-71-3P
701321-73-5P	701321-76-8P	701321-78-0P	701321-80-4P	701321-82-6P
701321-84-8P	701321-86-0P	701321-88-2P	701321-90-6P	701321-92-8P
701321-94-0P	701321-96-2P	701321-98-4P	701322-00-1P	701322-02-3P
701322-05-6P	701322-07-8P	701322-09-0P	701322-11-4P	701322-13-6P
701322-15-8P	701322-17-0P	701322-19-2P	701322-21-6P	701322-23-8P
701322-25-0P	701322-27-2P	701322-29-4P	701322-31-8P	701322-33-0P
701322-35-2P	701322-37-4P	701322-39-6P	701322-41-0P	701322-43-2P
701322-45-4P	701322-47-6P	701322-49-8P	701322-52-3P	701322-54-5P
701322-56-7P	701322-58-9P	701322-60-3P	701322-62-5P	701322-64-7P
701322-66-9P	701322-68-1P	701322-70-5P	701322-72-7P	701322-74-9P
701322-76-1P	701322-78-3P	701322-80-7P	701322-82-9P	701322-84-1P
701322-86-3P	701322-88-5P	701322-90-9P	701322-92-1P	701322-94-3P
701322-96-5P	701322-98-7P	701323-01-5P	701323-03-7P	701323-05-9P
701323-07-1P	701323-09-3P	701323-11-7P	701323-13-9P	701323-15-1P
701323-17-3P	701323-20-8P	701323-22-0P	701323-24-2P	701323-26-4P
701323-28-6P	701323-30-0P	701323-32-2P	701323-34-4P	701323-36-6P
701323-38-8P	701323-40-2P	701323-42-4P	701323-44-6P	701323-46-8P
701323-48-0P	701323-50-4P	701323-52-6P	701323-54-8P	701323-56-0P
701323-58-2P	701323-60-6P	701323-63-9P	701323-65-1P	701323-67-3P
701323-69-5P	701323-71-9P	701323-73-1P	701323-75-3P	701323-77-5P
701323-80-0P	701323-82-2P	701323-84-4P	701323-86-6P	701323-88-8P
701323-90-2P	701323-92-4P	701323-94-6P	701323-96-8P	701323-99-1P
701324-01-8P	701324-03-0P	701324-05-2P	701324-07-4P	701324-09-6P
701324-11-0P	701324-16-5P			

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
(Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; gene expression profile in activated human CD4+ T
cells useful for the diagnosis and treatment of immune-related
diseases)

IT	701324-18-7P	701324-22-3P	701324-26-7P	701324-28-9P	701324-30-3P
	701324-34-7P	701324-37-0P	701324-40-5P	701324-42-7P	701324-49-4P
	701324-51-8P	701324-53-0P	701324-55-2P	701324-57-4P	701324-60-9P
	701324-62-1P	701324-64-3P	701324-66-5P	701324-69-8P	701324-72-3P
	701324-74-5P	701324-76-7P	701324-78-9P	701324-80-3P	701324-82-5P
	701324-86-9P	701324-88-1P	701324-90-5P	701324-92-7P	701324-94-9P
	701324-97-2P	701324-99-4P	701325-01-1P	701325-04-4P	701325-07-7P
	701325-09-9P	701325-11-3P	701325-15-7P	701325-19-1P	701325-21-5P
	701325-23-7P	701325-25-9P	701325-27-1P	701325-29-3P	701325-32-8P
	701325-34-0P	701325-36-2P	701325-38-4P	701325-40-8P	701325-42-0P
	701325-44-2P	701325-46-4P	701325-48-6P	701325-50-0P	701325-52-2P
	701325-54-4P	701325-56-6P	701325-58-8P	701325-60-2P	701325-62-4P
	701325-64-6P	701325-66-8P	701325-68-0P	701325-70-4P	701325-72-6P
	701325-74-8P	701325-76-0P	701325-78-2P	701325-80-6P	701325-82-8P
	701325-84-0P	701325-86-2P	701325-88-4P	701325-90-8P	701325-92-0P
	701325-94-2P	701325-96-4P	701325-99-7P	701326-01-4P	701326-03-6P
	701326-05-8P	701326-07-0P	701326-09-2P	701326-11-6P	701326-13-8P
	701326-15-0P	701326-17-2P	701326-19-4P	701326-23-0P	701326-25-2P

701326-27-4P	701326-29-6P	701326-31-0P	701326-34-3P	701326-36-5P
701326-38-7P	701326-40-1P	701326-42-3P	701326-44-5P	701326-46-7P
701326-48-9P	701326-50-3P	701326-52-5P	701326-54-7P	701326-56-9P
701326-58-1P	701326-60-5P	701326-62-7P	701326-64-9P	701326-66-1P
701326-68-3P	701326-70-7P	701326-72-9P	701326-74-1P	701326-76-3P
701326-78-5P	701326-80-9P	701326-82-1P	701326-84-3P	701326-87-6P
701326-89-8P	701326-91-2P	701326-93-4P	701326-95-6P	701326-97-8P
701326-99-0P	701327-01-7P	701327-03-9P	701327-05-1P	701327-07-3P
701327-09-5P	701327-11-9P	701327-13-1P	701327-15-3P	701327-17-5P
701327-19-7P	701327-21-1P	701327-23-3P	701327-25-5P	701327-27-7P
701327-29-9P	701327-32-4P	701327-34-6P	701327-36-8P	701327-38-0P
701327-40-4P	701327-42-6P	701327-44-8P	701327-46-0P	701327-48-2P
701327-50-6P	701327-52-8P	701327-54-0P	701327-56-2P	701327-58-4P
701327-60-8P	701327-62-0P	701327-64-2P	701327-66-4P	701327-68-6P
701327-70-0P	701327-72-2P	701327-75-5P	701327-77-7P	701327-79-9P
701327-81-3P	701327-83-5P	701327-85-7P	701327-87-9P	701327-89-1P
701327-91-5P	701327-93-7P	701327-95-9P	701327-97-1P	701327-99-3P
701328-01-0P	701328-03-2P	701328-05-4P	701328-07-6P	701328-09-8P
701328-11-2P	701328-14-5P	701328-16-7P	701328-20-3P	701328-22-5P
701328-24-7P	701328-26-9P	701328-30-5P	701328-32-7P	701328-34-9P
701328-36-1P	701328-38-3P	701973-67-3P	701973-68-4P	701973-69-5P
701973-70-8P	701973-71-9P	701973-72-0P	701973-73-1P	701973-74-2P
701973-75-3P	701973-76-4P	701973-77-5P	701973-78-6P	701973-79-7P
701973-80-0P	701973-81-1P	701973-82-2P	701973-83-3P	701973-84-4P
701973-85-5P	701973-86-6P	701973-87-7P	701973-88-8P	701973-89-9P
701973-90-2P	701973-91-3P	701973-92-4P	701973-93-5P	701973-94-6P
701973-95-7P	701973-96-8P	701973-97-9P	701973-98-0P	701973-99-1P
701974-00-7P	701974-01-8P	701974-02-9P	701974-03-0P	701974-04-1P
701974-05-2P	701974-06-3P			

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
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(amino acid sequence; gene expression profile in activated human CD4+ T
cells useful for the diagnosis and treatment of immune-related
diseases)

IT	701974-07-4P	701974-08-5P	701974-09-6P	701974-10-9P	701974-11-0P
	701974-12-1P	701974-13-2P	701974-14-3P	701974-15-4P	701974-16-5P
	701974-17-6P	701974-18-7P	701974-19-8P	701974-20-1P	701974-21-2P
	701974-22-3P	701974-23-4P	701974-24-5P	701974-25-6P	701974-26-7P
	701974-27-8P	701974-28-9P	701974-29-0P	701974-30-3P	701974-31-4P
	701974-32-5P	701974-33-6P	701974-34-7P	701974-35-8P	701974-36-9P
	701974-37-0P	701974-38-1P	701974-39-2P	701974-40-5P	701974-41-6P
	701974-42-7P	701974-43-8P	701974-44-9P	701974-45-0P	701974-46-1P
	701974-47-2P	701974-48-3P	701974-49-4P	701974-50-7P	701974-51-8P
	701974-52-9P	701974-53-0P	701974-54-1P	701974-55-2P	701974-56-3P
	701974-57-4P	701974-58-5P	701974-59-6P	701974-60-9P	701974-61-0P
	701974-62-1P	701974-63-2P	701974-64-3P	701974-65-4P	701974-66-5P
	701974-67-6P	701974-68-7P	701974-69-8P	701974-70-1P	701974-71-2P
	701974-72-3P	701974-73-4P	701974-74-5P	701974-75-6P	701974-76-7P
	701974-77-8P	701974-78-9P	701974-79-0P	701989-13-1P	701989-14-2P
	701989-16-4P	701989-18-6P	701989-21-1P	701989-23-3P	701989-25-5P
	701989-27-7P	701989-29-9P	701989-33-5P	701989-35-7P	701989-38-0P
	701989-40-4P	701989-42-6P	701989-44-8P	701989-48-2P	701989-50-6P
	701989-54-0P	701989-57-3P	701989-59-5P	701989-61-9P	701989-65-3P
	701989-67-5P	701989-69-7P	701989-71-1P	701989-73-3P	701989-75-5P
	701989-77-7P	701989-79-9P	701989-81-3P	701989-83-5P	701989-85-7P
	701989-88-0P	701989-90-4P	701989-92-6P	701989-94-8P	701989-96-0P
	701989-98-2P	701990-00-3P	701990-02-5P	701990-04-7P	701990-06-9P
	701990-09-2P	701990-11-6P	701990-13-8P	701990-15-0P	701990-17-2P
	701990-19-4P	701990-21-8P	701990-23-0P	701990-25-2P	701990-27-4P
	701990-29-6P	701990-31-0P	701990-33-2P	701990-35-4P	701990-37-6P
	701990-39-8P	701990-41-2P	701990-43-4P	701990-45-6P	701990-47-8P
	701990-49-0P	701990-52-5P	701990-54-7P	701990-56-9P	701990-58-1P
	701990-60-5P	701990-62-7P	701990-64-9P	701990-66-1P	701990-68-3P
	701990-70-7P	701990-72-9P	701990-74-1P	701990-76-3P	701990-79-6P
	701990-81-0P	701990-83-2P	701990-85-4P	701990-87-6P	701990-89-8P

701990-91-2P	701990-93-4P	701990-95-6P	701990-97-8P	701990-99-0P
701991-01-7P	701991-03-9P	701991-05-1P	701991-07-3P	701991-09-5P
701991-11-9P	701991-13-1P	701991-15-3P	701991-18-6P	701991-20-0P
701991-22-2P	701991-25-5P	701991-27-7P	701991-29-9P	701991-31-3P
701991-33-5P	701991-35-7P	701991-37-9P	701991-39-1P	701991-41-5P
701991-43-7P	701991-45-9P	701991-47-1P	701991-49-3P	701991-51-7P
701991-53-9P	701991-56-2P	701991-58-4P	701991-60-8P	701991-63-1P
701991-66-4P	701991-68-6P	701991-70-0P	701991-72-2P	701991-74-4P
701991-76-6P	701991-79-9P	701991-81-3P	701991-84-6P	701991-88-0P
701991-90-4P	701991-92-6P	701991-96-0P	701991-98-2P	701992-02-1P
701992-04-3P	701992-06-5P	701992-09-8P	701992-11-2P	701992-14-5P
701992-18-9P	701992-20-3P	701992-22-5P	701992-27-0P	701992-29-2P
701992-31-6P	701992-33-8P	701992-35-0P	701992-37-2P	701992-39-4P
701992-41-8P	701992-43-0P	701992-45-2P	701992-48-5P	701992-51-0P
701992-53-2P	701992-55-4P	701992-58-7P	701992-60-1P	701992-63-4P
701992-66-7P				

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 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)
 (amino acid sequence; gene expression profile in activated human CD4+ T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT	700880-01-9P	700880-03-1P	700880-05-3P	700880-06-4P	700880-08-6P
	700880-10-0P	700880-12-2P	700880-14-4P	700880-16-6P	700880-18-8P
	700880-20-2P	700880-22-4P	700880-24-6P	700880-26-8P	700880-28-0P
	700880-30-4P	700880-32-6P	700880-34-8P	700880-36-0P	700880-38-2P
	700880-40-6P	700880-42-8P	700880-44-0P	700880-46-2P	700880-48-4P
	700880-49-5P	700880-51-9P	700880-53-1P	700880-55-3P	700880-57-5P
	700880-59-7P	700880-61-1P	700880-63-3P	700880-65-5P	700880-66-6P
	700880-67-7P	700880-69-9P	700880-71-3P	700880-72-4P	700880-74-6P
	700880-75-7P	700880-77-9P	700880-79-1P	700880-81-5P	700880-83-7P
	700880-85-9P	700880-87-1P	700880-89-3P	700880-90-6P	700880-92-8P
	700880-94-0P	700880-96-2P	700880-98-4P	700881-01-2P	700881-03-4P
	700881-05-6P	700881-07-8P	700881-09-0P	700881-11-4P	700881-13-6P
	700881-15-8P	700881-17-0P	700881-19-2P	700881-21-6P	700881-23-8P
	700881-25-0P	700881-27-2P	700881-29-4P	700881-32-9P	700881-34-1P
	700881-36-3P	700881-38-5P	700881-40-9P	700881-42-1P	700881-44-3P
	700881-46-5P	700881-48-7P	700881-50-1P	700881-52-3P	700881-54-5P
	700881-56-7P	700881-58-9P	700881-59-0P	700881-61-4P	700881-63-6P
	700881-65-8P	700881-67-0P	700881-69-2P	700881-71-6P	700881-73-8P
	700881-75-0P	700881-77-2P	700881-79-4P	700881-81-8P	700881-83-0P
	700881-85-2P	700881-87-4P	700881-89-6P	700881-91-0P	700881-93-2P
	700881-95-4P	700881-97-6P	700881-99-8P	700882-01-5P	700882-03-7P
	700882-05-9P	700882-07-1P	700882-09-3P	700882-11-7P	700882-13-9P
	700882-15-1P	700882-17-3P	700882-19-5P	700882-21-9P	700882-23-1P
	700882-25-3P	700882-27-5P	700882-29-7P	700882-31-1P	700882-33-3P
	700882-35-5P	700882-37-7P	700882-39-9P	700882-40-2P	700882-42-4P
	700882-44-6P	700882-46-8P	700882-48-0P	700882-50-4P	700882-52-6P
	700882-53-7P	700882-55-9P	700882-57-1P	700882-59-3P	700882-61-7P
	700882-63-9P	700882-65-1P	700882-67-3P	700882-69-5P	700882-71-9P
	700882-73-1P	700882-75-3P	700882-77-5P	700882-79-7P	700882-81-1P
	700882-83-3P	700882-85-5P	700882-87-7P	700882-89-9P	700882-91-3P
	700882-93-5P	700882-95-7P	700882-97-9P	700882-99-1P	700883-01-8P
	700883-03-0P	700883-05-2P	700883-07-4P	700883-09-6P	700883-11-0P
	700883-13-2P	700883-15-4P	700883-17-6P	700883-19-8P	700883-21-2P
	700883-23-4P	700883-25-6P	700883-27-8P	700883-29-0P	700883-31-4P
	700883-33-6P	700883-35-8P	700883-37-0P	700883-39-2P	700883-41-6P
	700883-43-8P	700883-45-0P	700883-47-2P	700883-49-4P	700883-50-7P
	700883-52-9P	700883-54-1P	700883-56-3P	700883-58-5P	700883-60-9P
	700883-62-1P	700883-64-3P	700883-66-5P	700883-68-7P	700883-70-1P
	700883-72-3P	700883-74-5P	700883-76-7P	700883-78-9P	700883-80-3P
	700883-82-5P	700883-84-7P	700883-86-9P	700883-88-1P	700883-90-5P
	700883-92-7P	700883-94-9P	700883-96-1P	700883-98-3P	700884-00-0P
	700884-02-2P	700884-04-4P	700884-07-7P	700884-08-8P	700884-09-9P
	700884-11-3P	700884-13-5P	700884-15-7P	700884-17-9P	700884-19-1P
	700884-21-5P	700884-22-6P	700884-24-8P	700884-25-9P	700884-27-1P

700884-29-3P 700884-31-7P 700884-33-9P 700884-35-1P 700884-37-3P
 700884-39-5P 700884-41-9P 700884-43-1P 700884-44-2P 700884-46-4P
 700884-48-6P 700884-50-0P

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; gene expression profile in activated human CD4+ T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT	700884-52-2P	700884-54-4P	700884-56-6P	700884-58-8P	700884-60-2P
	700884-62-4P	700884-64-6P	700884-65-7P	700884-67-9P	700884-68-0P
	700884-70-4P	700884-72-6P	700884-74-8P	700884-75-9P	700884-77-1P
	700884-79-3P	700884-80-6P	700884-82-8P	700884-83-9P	700884-84-0P
	700884-85-1P	700884-86-2P	700884-88-4P	700884-90-8P	700884-92-0P
	700884-94-2P	700884-95-3P	700884-97-5P	700884-99-7P	700885-01-4P
	700885-03-6P	700885-04-7P	700885-06-9P	700885-07-0P	700885-09-2P
	700885-11-6P	700885-13-8P	700885-15-0P	700885-16-1P	700885-17-2P
	700885-19-4P	700885-21-8P	700885-23-0P	700885-24-1P	700885-26-3P
	700885-28-5P	700885-29-6P	700885-31-0P	700885-33-2P	700885-35-4P
	700885-37-6P	700885-39-8P	700885-41-2P	700885-42-3P	700885-44-5P
	700885-46-7P	700885-48-9P	700885-50-3P	700885-52-5P	700885-53-6P
	700885-55-8P	700885-57-0P	700885-59-2P	700885-60-5P	700885-62-7P
	700885-64-9P	700885-65-0P	700885-67-2P	700885-68-3P	700885-70-7P
	700885-72-9P	700885-74-1P	700885-75-2P	700885-76-3P	700885-78-5P
	700885-80-9P	700885-81-0P	700885-83-2P	700885-85-4P	700885-86-5P
	700885-88-7P	700885-90-1P	700885-91-2P	700885-93-4P	700885-95-6P
	700885-97-8P	700885-99-0P	700886-01-7P	700886-03-9P	700886-05-1P
	700886-07-3P	700886-09-5P	700886-11-9P	700886-13-1P	700886-15-3P
	700886-17-5P	700886-19-7P	700886-21-1P	700886-23-3P	700886-24-4P
	700886-25-5P	700886-27-7P	700886-29-9P	700886-31-3P	700886-33-5P
	700886-34-6P	700886-36-8P	700886-38-0P	700886-40-4P	700886-42-6P
	700886-44-8P	700886-46-0P	700886-47-1P	700886-49-3P	700886-51-7P
	700886-53-9P	700886-55-1P	700886-57-3P	700886-59-5P	700886-61-9P
	700886-62-0P	700886-64-2P	700886-65-3P	700886-67-5P	700886-69-7P
	700886-71-1P	700886-73-3P	700886-75-5P	700886-77-7P	700886-78-8P
	700886-79-9P	700886-80-2P	700886-81-3P	700886-83-5P	700886-85-7P
	700886-87-9P	700886-89-1P	700886-91-5P	700886-93-7P	700886-95-9P
	700886-96-0P	700886-98-2P	700887-00-9P	700887-02-1P	700887-04-3P
	700887-06-5P	700887-08-7P	700887-10-1P	700887-12-3P	700887-13-4P
	700887-14-5P	700887-15-6P	700887-17-8P	700887-19-0P	700887-21-4P
	700887-23-6P	700887-24-7P	700887-26-9P	700887-28-1P	700887-29-2P
	700887-31-6P	700887-33-8P	700887-35-0P	700887-37-2P	700887-39-4P
	700887-41-8P	700887-43-0P	700887-45-2P	700887-47-4P	700887-49-6P
	700887-51-0P	700887-53-2P	700887-55-4P	700887-56-5P	700887-58-7P
	700887-60-1P	700887-62-3P	700887-63-4P	700887-65-6P	700887-67-8P
	700887-69-0P	700887-71-4P	700887-73-6P	700887-75-8P	700887-77-0P
	700887-79-2P	700887-81-6P	700887-83-8P	700887-84-9P	700887-85-0P
	700887-87-2P	700887-89-4P	700887-91-8P	700887-93-0P	700887-95-2P
	700887-96-3P	700887-97-4P	700887-98-5P	700887-99-6P	700888-01-3P
	700888-03-5P	700888-05-7P	700888-07-9P	700888-09-1P	700888-11-5P
	700888-13-7P	700888-14-8P	700888-15-9P	700888-17-1P	700888-19-3P
	700888-21-7P	700888-23-9P	700888-25-1P	700888-27-3P	700888-28-4P
	700888-30-8P	700888-32-0P	700888-33-1P	700888-35-3P	700888-36-4P
	700888-37-5P	700888-39-7P	700888-41-1P	700888-42-2P	700888-44-4P
	700888-45-5P	700888-47-7P	700888-49-9P	700888-50-2P	700888-51-3P
	700888-53-5P	700888-55-7P			

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
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 (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; gene expression profile in activated human CD4+ T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT	700888-57-9P	700888-59-1P	700888-61-5P	700888-62-6P	700888-64-8P
	700888-65-9P	700888-67-1P	700888-69-3P	700888-71-7P	700888-73-9P
	700888-75-1P	700888-76-2P	700888-78-4P	700888-79-5P	700888-80-8P
	700888-82-0P	700888-84-2P	700888-86-4P	700888-88-6P	700888-90-0P

700888-92-2P	700888-93-3P	700888-95-5P	700888-97-7P	700888-99-9P
700889-01-6P	700889-02-7P	700889-04-9P	700889-06-1P	700889-07-2P
700889-08-3P	700889-10-7P	700889-12-9P	700889-13-0P	700889-15-2P
700889-16-3P	700889-18-5P	700889-20-9P	700889-22-1P	700889-24-3P
700889-26-5P	700889-28-7P	700889-29-8P	700889-31-2P	700889-33-4P
700889-35-6P	700889-37-8P	700889-39-0P	700889-40-3P	700889-42-5P
700889-44-7P	700889-46-9P	700889-48-1P	700889-50-5P	700889-52-7P
700889-54-9P	700889-56-1P	700889-58-3P	700889-60-7P	700889-62-9P
700889-63-0P	700889-65-2P	700889-67-4P	700889-69-6P	700889-71-0P
700889-73-2P	700889-74-3P	700889-75-4P	700889-76-5P	700889-78-7P
700889-80-1P	700889-82-3P	700889-83-4P	700889-85-6P	700889-87-8P
700889-89-0P	700889-91-4P	700889-93-6P	700889-94-7P	700889-96-9P
700889-98-1P	700889-99-2P	700890-00-2P	700890-02-4P	700890-03-5P
700890-05-7P	700890-07-9P	700890-09-1P	700890-10-4P	700890-12-6P
700890-14-8P	700890-16-0P	700890-18-2P	700890-20-6P	700890-22-8P
700890-24-0P	700890-26-2P	700890-28-4P	700890-30-8P	700890-31-9P
700890-33-1P	700890-35-3P	700890-37-5P	700890-38-6P	700890-39-7P
700890-41-1P	700890-43-3P	700890-45-5P	700890-47-7P	700890-49-9P
700890-51-3P	700890-53-5P	700890-55-7P	700890-56-8P	700890-58-0P
700890-60-4P	700890-62-6P	700890-64-8P	700890-66-0P	700890-68-2P
700890-70-6P	700890-72-8P	700890-74-0P	700890-76-2P	700890-78-4P
700890-79-5P	700890-80-8P	700890-82-0P	700890-84-2P	700890-85-3P
700890-87-5P	700890-89-7P	700890-90-0P	700890-91-1P	700890-93-3P
700890-95-5P	700890-97-7P	700890-99-9P	700891-01-6P	700891-03-8P
700891-05-0P	700891-07-2P	700891-09-4P	700891-11-8P	700891-13-0P
700891-14-1P	700891-16-3P	700891-17-4P	700891-19-6P	700891-21-0P
700891-23-2P	700891-25-4P	700891-27-6P	700891-28-7P	700891-30-1P
700891-31-2P	700891-33-4P	700891-35-6P	700891-37-8P	700891-39-0P
700891-41-4P	700891-43-6P	700891-45-8P	700891-47-0P	700891-49-2P
700891-51-6P	700891-53-8P	700891-55-0P	700891-57-2P	700891-58-3P
700891-59-4P	700891-61-8P	700891-63-0P	700891-64-1P	700891-65-2P
700891-67-4P	700891-69-6P	700891-71-0P	700891-73-2P	700891-75-4P
700891-77-6P	700891-79-8P	700891-81-2P	700891-82-3P	700891-84-5P
700891-86-7P	700891-87-8P	700891-89-0P	700891-91-4P	700891-93-6P
700891-95-8P	700891-97-0P	700891-98-1P	700892-00-8P	700892-02-0P
700892-04-2P	700892-06-4P	700892-08-6P	700892-09-7P	700892-10-0P
700892-12-2P	700892-14-4P	700892-16-6P	700892-18-8P	700892-19-9P
700892-21-3P	700892-23-5P	700892-24-6P	700892-26-8P	700892-28-0P
700892-29-1P	700892-30-4P	700892-32-6P	700892-34-8P	700892-36-0P
700892-37-1P	700892-39-3P	700892-41-7P	700892-42-8P	700892-44-0P
700892-46-2P	700892-48-4P	700892-50-8P	700892-52-0P	700892-53-1P
700892-55-3P	700892-57-5P	700892-59-7P	700892-61-1P	700892-63-3P
700892-65-5P	700892-67-7P			

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(nucleotide sequence; gene expression profile in activated human CD4+ T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT	700892-68-8P	700892-69-9P	700892-71-3P	700892-72-4P	700892-73-5P
	700892-74-6P	700892-75-7P	700892-77-9P	700892-79-1P	700892-81-5P
	700892-82-6P	700892-83-7P	700892-85-9P	700892-87-1P	700892-88-2P
	700892-90-6P	700892-91-7P	700892-92-8P	700892-94-0P	700892-95-1P
	700892-97-3P	700892-98-4P	700893-00-1P	700893-02-3P	700893-04-5P
	700893-06-7P	700893-08-9P	700893-10-3P	700893-12-5P	700893-13-6P
	700893-15-8P	700893-17-0P	700893-19-2P	700893-21-6P	700893-23-8P
	700893-24-9P	700893-26-1P	700893-28-3P	700893-30-7P	700893-32-9P
	700893-33-0P	700893-35-2P	700893-36-3P	700893-38-5P	700893-40-9P
	700893-41-0P	700893-43-2P	700893-45-4P	700893-47-6P	700893-48-7P
	700893-50-1P	700893-52-3P	700893-53-4P	700893-55-6P	700893-57-8P
	700893-59-0P	700893-61-4P	700893-63-6P	700893-64-7P	700893-65-8P
	700893-67-0P	700893-69-2P	700893-70-5P	700893-72-7P	700893-74-9P
	700893-76-1P	700893-78-3P	700893-79-4P	700893-81-8P	700893-82-9P
	700893-84-1P	700893-86-3P	700893-87-4P	700893-89-6P	700893-91-0P
	700893-93-2P	700893-94-3P	700893-96-5P	700893-97-6P	700893-98-7P
	700894-00-4P	700894-02-6P	700894-04-8P	700894-06-0P	700894-08-2P

700894-10-6P	700894-12-8P	700894-14-0P	700894-16-2P	700894-17-3P
700894-19-5P	700894-21-9P	700894-23-1P	700894-25-3P	700894-26-4P
700894-27-5P	700894-28-6P	700894-29-7P	700894-31-1P	700894-32-2P
700894-34-4P	700894-35-5P	700894-36-6P	700894-37-7P	700894-38-8P
700894-40-2P	700894-41-3P	700894-43-5P	700894-44-6P	700894-45-7P
700894-46-8P	700894-48-0P	700894-49-1P	700894-51-5P	700894-53-7P
700894-55-9P	700894-57-1P	700894-59-3P	700894-60-6P	700894-61-7P
700894-62-8P	700894-64-0P	700894-66-2P	700894-67-3P	700894-68-4P
700894-69-5P	700894-70-8P	700894-71-9P	700894-73-1P	700894-75-3P
700894-77-5P	700894-79-7P	700894-81-1P	700894-83-3P	700894-84-4P
700894-85-5P	700894-87-7P	700894-89-9P	700894-91-3P	700894-93-5P
700894-95-7P	700894-97-9P	700894-99-1P	700895-01-8P	700895-03-0P
700895-05-2P	700895-07-4P	700895-09-6P	700895-11-0P	700895-12-1P
700895-14-3P	700895-15-4P	700895-17-6P	700895-19-8P	700895-20-1P
700895-22-3P	700895-23-4P	700895-24-5P	700895-26-7P	700895-27-8P
700895-29-0P	700895-31-4P	700895-32-5P	700895-34-7P	700895-36-9P
700895-38-1P	700895-40-5P	700895-42-7P	700895-43-8P	700895-44-9P
700895-45-0P	700895-47-2P	700895-48-3P	700895-49-4P	700895-51-8P
700895-53-0P	700895-55-2P	700895-57-4P	700895-58-5P	700895-59-6P
700895-61-0P	700895-63-2P	700895-65-4P	700895-67-6P	700895-69-8P
700895-71-2P	700895-73-4P	700895-75-6P	700895-76-7P	700895-78-9P
700895-80-3P	700895-81-4P	700895-83-6P	700895-84-7P	700895-86-9P
700895-87-0P	700895-88-1P	700895-89-2P	700895-91-6P	700895-92-7P
700895-94-9P	700895-95-0P	700895-97-2P	700895-99-4P	700896-00-0P
700896-02-2P	700896-03-3P	700896-05-5P	700896-07-7P	700896-09-9P
700896-11-3P	700896-12-4P	700896-13-5P	700896-14-6P	700896-16-8P
700896-18-0P	700896-19-1P	700896-21-5P	700896-22-6P	700896-23-7P
700896-24-8P	700896-25-9P	700896-26-0P	700896-27-1P	700896-29-3P
700896-31-7P	700896-32-8P	700896-34-0P	700896-36-2P	700896-38-4P
700896-40-8P	700896-41-9P			

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL

(Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; gene expression profile in activated human CD4+ T
cells useful for the diagnosis and treatment of immune-related
diseases)

IT	700896-43-1P	700896-45-3P	700896-47-5P	700896-48-6P	700896-49-7P
	700896-50-0P	700896-52-2P	700896-54-4P	700896-56-6P	700896-58-8P
	700896-59-9P	700896-60-2P	700896-61-3P	700896-63-5P	700896-65-7P
	700896-66-8P	700896-67-9P	700896-68-0P	700896-69-1P	700896-70-4P
	700896-71-5P	700896-73-7P	700896-75-9P	700896-77-1P	700896-79-3P
	700896-81-7P	700896-83-9P	700896-85-1P	700896-87-3P	700896-89-5P
	700896-90-8P	700896-92-0P	700896-94-2P	700896-96-4P	700896-97-5P
	700896-99-7P	700897-01-4P	700897-03-6P	700897-05-8P	700897-07-0P
	700897-09-2P	700897-11-6P	700897-13-8P	700897-15-0P	700897-16-1P
	700897-18-3P	700897-20-7P	700897-22-9P	700897-24-1P	700897-26-3P
	700897-28-5P	700897-30-9P	700897-32-1P	700897-33-2P	700897-35-4P
	700897-37-6P	700897-39-8P	700897-40-1P	700897-42-3P	700897-43-4P
	700897-44-5P	700897-46-7P	700897-47-8P	700897-48-9P	700897-50-3P
	700897-52-5P	700897-54-7P	700897-56-9P	700897-58-1P	700897-60-5P
	700897-62-7P	700897-64-9P	700897-65-0P	700897-66-1P	700897-68-3P
	700897-70-7P	700897-72-9P	700897-74-1P	700897-76-3P	700897-78-5P
	700897-80-9P	700897-82-1P	700897-83-2P	700897-85-4P	700897-87-6P
	700897-89-8P	700897-91-2P	700897-93-4P	700897-95-6P	700897-96-7P
	700897-98-9P	700897-99-0P	700898-01-7P	700898-03-9P	700898-05-1P
	700898-07-3P	700898-09-5P	700898-11-9P	700898-13-1P	700898-14-2P
	700898-16-4P	700898-17-5P	700898-18-6P	700898-20-0P	700898-22-2P
	700898-24-4P	700898-25-5P	700898-27-7P	700898-29-9P	700898-31-3P
	700898-33-5P	700898-35-7P	700898-37-9P	700898-39-1P	700898-41-5P
	700898-42-6P	700898-44-8P	700898-46-0P	700898-48-2P	700898-50-6P
	700898-52-8P	700898-54-0P	700898-56-2P	700898-58-4P	700898-60-8P
	700898-62-0P	700898-64-2P	700898-66-4P	700898-68-6P	700898-70-0P
	700898-72-2P	700898-74-4P	700898-76-6P	700898-78-8P	700898-80-2P
	700898-82-4P	700898-84-6P	700898-86-8P	700898-88-0P	700898-90-4P
	700898-92-6P	700898-94-8P	700898-96-0P	700898-98-2P	700899-00-9P
	700899-02-1P	700899-04-3P	700899-06-5P	700899-08-7P	700899-10-1P

700899-12-3P	700899-14-5P	700899-16-7P	700899-18-9P	700899-20-3P
700899-22-5P	700899-24-7P	700899-26-9P	700899-28-1P	700899-30-5P
700899-31-6P	700899-33-8P	700899-35-0P	700899-37-2P	700899-39-4P
700899-41-8P	700899-43-0P	700899-45-2P	700899-47-4P	700899-49-6P
700899-51-0P	700899-53-2P	700899-55-4P	700899-56-5P	700899-58-7P
700899-60-1P	700899-62-3P	700899-64-5P	700899-66-7P	700899-68-9P
700899-69-0P	700899-71-4P	700899-73-6P	700899-75-8P	700899-77-0P
700899-79-2P	700899-81-6P	700899-83-8P	700899-85-0P	700899-87-2P
700899-89-4P	700899-91-8P	700899-93-0P	700899-94-1P	700899-96-3P
700899-98-5P	700900-00-1P	700900-02-3P	700900-03-4P	700900-05-6P
700900-07-8P	700900-09-0P	700900-11-4P	700900-13-6P	700900-15-8P
700900-17-0P	700900-19-2P	700900-21-6P	700900-23-8P	700900-25-0P
700900-27-2P	700900-29-4P	700900-31-8P	700900-33-0P	700900-35-2P
700900-37-4P	700900-39-6P	700900-41-0P	700900-43-2P	700900-44-3P
700900-46-5P	700900-48-7P	700900-50-1P	700900-52-3P	700900-54-5P
700900-55-6P	700900-57-8P	700900-58-9P	700900-60-3P	700900-62-5P
700900-64-7P	700900-66-9P			

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; gene expression profile in activated human CD4+ T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT	700900-68-1P	700900-69-2P	700900-70-5P	700900-72-7P	700900-74-9P
	700900-76-1P	700900-78-3P	700900-80-7P	700900-82-9P	700900-84-1P
	700900-86-3P	700900-88-5P	700900-90-9P	700900-92-1P	700900-94-3P
	700900-96-5P	700900-98-7P	701319-70-2P	701319-71-3P	701319-73-5P
	701319-75-7P	701319-77-9P	701319-79-1P	701319-81-5P	701319-83-7P
	701319-85-9P	701319-87-1P	701319-89-3P	701319-91-7P	701319-93-9P
	701319-94-0P	701319-96-2P	701319-98-4P	701320-00-5P	701320-01-6P
	701320-03-8P	701320-05-0P	701320-07-2P	701320-09-4P	701320-11-8P
	701320-13-0P	701320-15-2P	701320-17-4P	701320-19-6P	701320-21-0P
	701320-23-2P	701320-25-4P	701320-27-6P	701320-29-8P	701320-31-2P
	701320-33-4P	701320-35-6P	701320-36-7P	701320-38-9P	701320-40-3P
	701320-42-5P	701320-44-7P	701320-46-9P	701320-48-1P	701320-50-5P
	701320-52-7P	701320-54-9P	701320-56-1P	701320-58-3P	701320-60-7P
	701320-62-9P	701320-64-1P	701320-66-3P	701320-67-4P	701320-69-6P
	701320-70-9P	701320-72-1P	701320-73-2P	701320-75-4P	701320-77-6P
	701320-79-8P	701320-81-2P	701320-83-4P	701320-84-5P	701320-86-7P
	701320-88-9P	701320-90-3P	701320-92-5P	701320-94-7P	701320-96-9P
	701320-98-1P	701320-99-2P	701321-01-9P	701321-03-1P	701321-05-3P
	701321-07-5P	701321-09-7P	701321-11-1P	701321-13-3P	701321-15-5P
	701321-17-7P	701321-19-9P	701321-21-3P	701321-23-5P	701321-25-7P
	701321-27-9P	701321-29-1P	701321-31-5P	701321-33-7P	701321-34-8P
	701321-36-0P	701321-38-2P	701321-40-6P	701321-42-8P	701321-44-0P
	701321-46-2P	701321-48-4P	701321-50-8P	701321-52-0P	701321-54-2P
	701321-56-4P	701321-58-6P	701321-60-0P	701321-62-2P	701321-64-4P
	701321-66-6P	701321-68-8P	701321-70-2P	701321-72-4P	701321-74-6P
	701321-75-7P	701321-77-9P	701321-79-1P	701321-81-5P	701321-83-7P
	701321-85-9P	701321-87-1P	701321-89-3P	701321-91-7P	701321-93-9P
	701321-95-1P	701321-97-3P	701321-99-5P	701322-01-2P	701322-03-4P
	701322-04-5P	701322-06-7P	701322-08-9P	701322-10-3P	701322-12-5P
	701322-14-7P	701322-16-9P	701322-18-1P	701322-20-5P	701322-22-7P
	701322-24-9P	701322-26-1P	701322-28-3P	701322-30-7P	701322-32-9P
	701322-34-1P	701322-36-3P	701322-38-5P	701322-40-9P	701322-42-1P
	701322-44-3P	701322-46-5P	701322-48-7P	701322-50-1P	701322-51-2P
	701322-53-4P	701322-55-6P	701322-57-8P	701322-59-0P	701322-61-4P
	701322-63-6P	701322-65-8P	701322-67-0P	701322-69-2P	701322-71-6P
	701322-73-8P	701322-75-0P	701322-77-2P	701322-79-4P	701322-81-8P
	701322-83-0P	701322-85-2P	701322-87-4P	701322-89-6P	701322-91-0P
	701322-93-2P	701322-95-4P	701322-97-6P	701322-99-8P	701323-00-4P
	701323-02-6P	701323-04-8P	701323-06-0P	701323-08-2P	701323-10-6P
	701323-12-8P	701323-14-0P	701323-16-2P	701323-18-4P	701323-19-5P
	701323-21-9P	701323-23-1P	701323-25-3P	701323-27-5P	701323-29-7P
	701323-31-1P	701323-33-3P	701323-35-5P	701323-37-7P	701323-39-9P
	701323-41-3P	701323-43-5P	701323-45-7P	701323-47-9P	701323-49-1P

701323-51-5P 701323-53-7P 701323-55-9P 701323-57-1P 701323-59-3P
 701323-61-7P 701323-62-8P 701323-64-0P 701323-66-2P 701323-68-4P
 701323-70-8P 701323-72-0P 701323-74-2P 701323-76-4P 701323-78-6P
 701323-79-7P 701323-81-1P

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; gene expression profile in activated human CD4+ T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT	701323-83-3P	701323-85-5P	701323-87-7P	701323-89-9P	701323-91-3P
	701323-93-5P	701323-95-7P	701323-97-9P	701323-98-0P	701324-00-7P
	701324-02-9P	701324-04-1P	701324-06-3P	701324-08-5P	701324-10-9P
	701324-12-1P	701324-13-2P	701324-14-3P	701324-15-4P	701324-17-6P
	701324-19-8P	701324-20-1P	701324-21-2P	701324-23-4P	701324-24-5P
	701324-25-6P	701324-27-8P	701324-29-0P	701324-31-4P	701324-32-5P
	701324-33-6P	701324-35-8P	701324-36-9P	701324-38-1P	701324-39-2P
	701324-41-6P	701324-43-8P	701324-44-9P	701324-45-0P	701324-46-1P
	701324-47-2P	701324-48-3P	701324-50-7P	701324-52-9P	701324-54-1P
	701324-56-3P	701324-58-5P	701324-59-6P	701324-61-0P	701324-63-2P
	701324-65-4P	701324-67-6P	701324-68-7P	701324-70-1P	701324-71-2P
	701324-73-4P	701324-75-6P	701324-77-8P	701324-79-0P	701324-81-4P
	701324-83-6P	701324-84-7P	701324-85-8P	701324-87-0P	701324-89-2P
	701324-91-6P	701324-93-8P	701324-95-0P	701324-96-1P	701324-98-3P
	701325-00-0P	701325-02-2P	701325-03-3P	701325-05-5P	701325-06-6P
	701325-08-8P	701325-10-2P	701325-12-4P	701325-13-5P	701325-14-6P
	701325-16-8P	701325-17-9P	701325-18-0P	701325-20-4P	701325-22-6P
	701325-24-8P	701325-26-0P	701325-28-2P	701325-30-6P	701325-31-7P
	701325-33-9P	701325-35-1P	701325-37-3P	701325-39-5P	701325-41-9P
	701325-43-1P	701325-45-3P	701325-47-5P	701325-49-7P	701325-51-1P
	701325-53-3P	701325-55-5P	701325-57-7P	701325-59-9P	701325-61-3P
	701325-63-5P	701325-65-7P	701325-67-9P	701325-69-1P	701325-71-5P
	701325-73-7P	701325-75-9P	701325-77-1P	701325-79-3P	701325-81-7P
	701325-83-9P	701325-85-1P	701325-87-3P	701325-89-5P	701325-91-9P
	701325-93-1P	701325-95-3P	701325-97-5P	701325-98-6P	701326-00-3P
	701326-02-5P	701326-04-7P	701326-06-9P	701326-08-1P	701326-10-5P
	701326-12-7P	701326-14-9P	701326-16-1P	701326-18-3P	701326-20-7P
	701326-21-8P	701326-22-9P	701326-24-1P	701326-26-3P	701326-28-5P
	701326-30-9P	701326-32-1P	701326-33-2P	701326-35-4P	701326-37-6P
	701326-39-8P	701326-41-2P	701326-43-4P	701326-45-6P	701326-47-8P
	701326-49-0P	701326-51-4P	701326-53-6P	701326-55-8P	701326-57-0P
	701326-59-2P	701326-61-6P	701326-63-8P	701326-65-0P	701326-67-2P
	701326-69-4P	701326-71-8P	701326-73-0P	701326-75-2P	701326-77-4P
	701326-79-6P	701326-81-0P	701326-83-2P	701326-85-4P	701326-86-5P
	701326-88-7P	701326-90-1P	701326-92-3P	701326-94-5P	701326-96-7P
	701326-98-9P	701327-00-6P	701327-02-8P	701327-04-0P	701327-06-2P
	701327-08-4P	701327-10-8P	701327-12-0P	701327-14-2P	701327-16-4P
	701327-18-6P	701327-20-0P	701327-22-2P	701327-24-4P	701327-26-6P
	701327-28-8P	701327-30-2P	701327-31-3P	701327-33-5P	701327-35-7P
	701327-37-9P	701327-39-1P	701327-41-5P	701327-43-7P	701327-45-9P
	701327-47-1P	701327-49-3P	701327-51-7P	701327-53-9P	701327-55-1P
	701327-57-3P	701327-59-5P	701327-61-9P	701327-63-1P	701327-65-3P
	701327-67-5P	701327-69-7P	701327-71-1P	701327-73-3P	701327-74-4P
	701327-76-6P	701327-78-8P	701327-80-2P	701327-82-4P	701327-84-6P
	701327-86-8P	701327-88-0P	701327-90-4P	701327-92-6P	701327-94-8P
	701327-96-0P	701327-98-2P	701328-00-9P	701328-02-1P	701328-04-3P
	701328-06-5P	701328-08-7P			

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; gene expression profile in activated human CD4+ T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT	701328-10-1P	701328-12-3P	701328-13-4P	701328-15-6P	701328-17-8P
	701328-18-9P	701328-19-0P	701328-21-4P	701328-23-6P	701328-25-8P
	701328-27-0P	701328-28-1P	701328-29-2P	701328-31-6P	701328-33-8P

701328-35-0P	701328-37-2P	701328-39-4P	701989-15-3P	701989-17-5P
701989-19-7P	701989-20-0P	701989-22-2P	701989-24-4P	701989-26-6P
701989-28-8P	701989-30-2P	701989-31-3P	701989-32-4P	701989-34-6P
701989-36-8P	701989-37-9P	701989-39-1P	701989-41-5P	701989-43-7P
701989-45-9P	701989-46-0P	701989-47-1P	701989-49-3P	701989-51-7P
701989-52-8P	701989-53-9P	701989-55-1P	701989-56-2P	701989-58-4P
701989-60-8P	701989-62-0P	701989-63-1P	701989-64-2P	701989-66-4P
701989-68-6P	701989-70-0P	701989-72-2P	701989-74-4P	701989-76-6P
701989-78-8P	701989-80-2P	701989-82-4P	701989-84-6P	701989-86-8P
701989-87-9P	701989-89-1P	701989-91-5P	701989-93-7P	701989-95-9P
701989-97-1P	701989-99-3P	701990-01-4P	701990-03-6P	701990-05-8P
701990-07-0P	701990-08-1P	701990-10-5P	701990-12-7P	701990-14-9P
701990-16-1P	701990-18-3P	701990-20-7P	701990-22-9P	701990-24-1P
701990-26-3P	701990-28-5P	701990-30-9P	701990-32-1P	701990-34-3P
701990-36-5P	701990-38-7P	701990-40-1P	701990-42-3P	701990-44-5P
701990-46-7P	701990-48-9P	701990-50-3P	701990-51-4P	701990-53-6P
701990-55-8P	701990-57-0P	701990-59-2P	701990-61-6P	701990-63-8P
701990-65-0P	701990-67-2P	701990-69-4P	701990-71-8P	701990-73-0P
701990-75-2P	701990-77-4P	701990-78-5P	701990-80-9P	701990-82-1P
701990-84-3P	701990-86-5P	701990-88-7P	701990-90-1P	701990-92-3P
701990-94-5P	701990-96-7P	701990-98-9P	701991-00-6P	701991-02-8P
701991-04-0P	701991-06-2P	701991-08-4P	701991-10-8P	701991-12-0P
701991-14-2P	701991-16-4P	701991-17-5P	701991-19-7P	701991-21-1P
701991-23-3P	701991-24-4P	701991-26-6P	701991-28-8P	701991-30-2P
701991-32-4P	701991-34-6P	701991-36-8P	701991-38-0P	701991-40-4P
701991-42-6P	701991-44-8P	701991-46-0P	701991-48-2P	701991-50-6P
701991-52-8P	701991-54-0P	701991-55-1P	701991-57-3P	701991-59-5P
701991-61-9P	701991-62-0P	701991-64-2P	701991-65-3P	701991-67-5P
701991-69-7P	701991-71-1P	701991-73-3P	701991-75-5P	701991-77-7P
701991-78-8P	701991-80-2P	701991-82-4P	701991-83-5P	701991-85-7P
701991-86-8P	701991-87-9P	701991-89-1P	701991-91-5P	701991-93-7P
701991-94-8P	701991-95-9P	701991-97-1P	701991-99-3P	701992-00-9P
701992-01-0P	701992-03-2P	701992-05-4P	701992-07-6P	701992-08-7P
701992-10-1P	701992-12-3P	701992-13-4P	701992-15-6P	701992-16-7P
701992-17-8P	701992-19-0P	701992-21-4P	701992-23-6P	701992-24-7P
701992-25-8P	701992-26-9P	701992-28-1P	701992-30-5P	701992-32-7P
701992-34-9P	701992-36-1P	701992-38-3P	701992-40-7P	701992-42-9P
701992-44-1P	701992-46-3P	701992-47-4P	701992-49-6P	701992-50-9P
701992-52-1P	701992-54-3P	701992-56-5P	701992-57-6P	701992-59-8P
701992-61-2P	701992-62-3P	701992-64-5P	701992-65-6P	

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; gene expression profile in activated human CD4+ T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

IT 700897-27-4P

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; gene expression profile in activated human CD4+ T
 cells useful for the diagnosis and treatment of immune-related
 diseases)

RN 700897-27-4 HCAPLUS

CN T lymphocyte activation-associated protein PRO9741 (human) (9CI) (CA
 INDEX NAME)

SEQ 1 MSAMKSVLPL LNPYCVLAFV YACMCVRAHV CVCVYMCMCV LCACVCTCRK
 51 KVMCGNGEFQ PRRRLCLGLP REVVTLRETG SKCTLPSSSL CDLGQVTSAP

L9 ANSWER 4 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:452958 HCAPLUS

Search done by Noble Jarrell

DN 141:17588
 ED Entered STN: 04 Jun 2004
 TI Antibodies againsts tumor-associated proteins for the diagnosis and treatment of tumor in mammals
 IN Ashkenazi, Avi J.; Frantz, Gretchen; Goddard, Audrey; Gonzalez, Lino; Gurney, Austin L.; Polakis, Paul; Polson, Andrew; Wood, William I.; Wu, Thomas D.; Zhang, Zemin
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 183 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM A61K
 CC 1-6 (Pharmacology)
 Section cross-reference(s): 3, 13, 15

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004045516	A2	20040603	WO 2003-US36298	20031113
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2005123925	A1	20050609	US 2003-712892	20031112
	US 2005064492	A1	20050324	US 2004-948518	20040922
PRAI	US 2002-426847P	P	20021115		
	US 2002-431250P	P	20021206		
	US 2002-437344P	P	20021231		
	US 2002-404809P	P	20020819		
	US 2002-405645P	P	20020821		
	US 2002-413192P	P	20020923		
	US 2002-419008P	P	20021015		
	US 2003-484959P	P	20030702		
	US 2003-643795	A1	20030819		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2004045516	ICM	A61K
US 2005123925	NCL	435/006.000
US 2005064492	NCL	435/006.000
	ECLA	A61K047/48T2C8H; A61K047/48T4B18; A61K047/48T4B30; C07K016/30

AB The present invention is directed to compns. of matter useful for the diagnosis and treatment of tumor in mammals and to methods of using those compns. of matter for the same. The present invention provides cDNA and protein sequences for novel tumor-associated proteins (cell membrane-associated, secreted or intracellular), and antibodies to such proteins useful in the therapeutic treatment and diagnostic detection of cancer in mammals.

ST antibody tumor assocd protein diagnosis treatment mammal; anticancer antibody tumor assocd protein diagnosis; tumor assocd protein cDNA sequence human

IT Animal cell line
 (CHO, antibody producing host; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Toxins
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (Maytansinoid, antibody conjugates; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Antitumor agents
 Cytotoxic agents

Drug targets
 Human
 Immunotherapy
 Mammalia
 Molecular cloning
 Neoplasm
 Tumor markers
 (antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Antibiotics
 (antibody conjugates; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Radionuclides, biological studies
 Toxins
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (antibody conjugates; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Escherichia coli
 Yeast
 (antibody expression host; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Eubacteria
 (antibody producing host; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Diagnosis
 (cancer; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Antibodies and Immunoglobulins
 RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (conjugates, to cell growth inhibitory factor; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Antibodies and Immunoglobulins
 RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (cytotoxic; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Genetic vectors
 (expressing antibody; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Protein motifs
 (extracellular domain, of tumor-associated proteins; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT cDNA sequences
 (for human tumor-associated proteins; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Antibodies and Immunoglobulins
 RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (fragments, to tumor-associated proteins; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Antibodies and Immunoglobulins
 RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (humanized, to tumor-associated proteins; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Diagnosis
 (immunodiagnosis; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT Cell proliferation
 (inhibition, tumor; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

- IT Antibodies and Immunoglobulins
 RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (labeled, to tumor-associated proteins; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)
- IT Antibodies and Immunoglobulins
 RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (monoclonal, to tumor-associated proteins; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)
- IT Enzymes, biological studies
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (nucleolytic, antibody conjugates; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)
- IT Protein sequences
 (of human tumor-associated proteins; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)
- IT Signal peptides
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (of tumor-associated proteins; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)
- IT Antibodies and Immunoglobulins
 RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (to tumor-associated proteins; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)
- IT Cell death
 (tumor, antibody-induced; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)
- IT Gene expression profiles, animal
 (tumor-associated proteins identified using; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)
- IT Proteins
 RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (tumor-associated; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)
- IT 699321-71-6D, subfragments are claimed 699321-72-7D, subfragments are claimed 699321-73-8D, Tumor-associated protein TAT402 (human), subfragments are claimed 699321-74-9D, Tumor-associated protein TAT403 (human), subfragments are claimed 699321-75-0D, Tumor-associated protein TAT404 (human), subfragments are claimed 699321-76-1D, subfragments are claimed 699321-77-2D, subfragments are claimed 699321-78-3D, subfragments are claimed 699321-79-4D, Tumor-associated protein TAT408 (human), subfragments are claimed 699321-80-7D, subfragments are claimed 699321-81-8D, subfragments are claimed 699321-82-9D, subfragments are claimed 699321-83-0D, subfragments are claimed 699321-84-1D, subfragments are claimed 699321-85-2D, subfragments are claimed 699321-86-3D, Tumor-associated protein TAT414 (human), subfragments are claimed 699321-87-4D, subfragments are claimed 699321-88-5D, Tumor-associated protein TAT415 (human), subfragments are claimed 699321-89-6D, Tumor-associated protein TAT416 (human), subfragments are claimed 699321-90-9D, subfragments are claimed 699321-91-0D, Tumor-associated protein TAT419 (human), subfragments are claimed
 RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (amino acid sequence; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)
- IT 35846-53-8D, Maytansine, maytansinoids 113440-58-7, Calicheamicin
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(antibody conjugates; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT 699321-50-1D, subfragments are claimed 699321-51-2D, subfragments are claimed 699321-52-3D, subfragments are claimed 699321-53-4D, subfragments are claimed 699321-54-5D, subfragments are claimed 699321-55-6D, subfragments are claimed 699321-56-7D, subfragments are claimed 699321-57-8D, subfragments are claimed 699321-58-9D, subfragments are claimed 699321-59-0D, subfragments are claimed 699321-60-3D, subfragments are claimed 699321-61-4D, subfragments are claimed 699321-62-5D, subfragments are claimed 699321-63-6D, subfragments are claimed 699321-64-7D, subfragments are claimed 699321-65-8D, subfragments are claimed 699321-66-9D, subfragments are claimed 699321-67-0D, subfragments are claimed 699321-68-1D, subfragments are claimed 699321-69-2D, subfragments are claimed 699321-70-5D, subfragments are claimed

RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(nucleotide sequence; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

IT 699321-81-8D, subfragments are claimed

RL: ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(amino acid sequence; antibodies againsts tumor-associated proteins for diagnosis and treatment of tumor in mammals)

RN 699321-81-8 HCAPLUS

CN Tumor-associated protein TAT409 (human precursor) (9CI) (CA INDEX NAME)

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SEQ      1 MAGPRPSPWA RLLLAALISV SLSGTLANRC KKAPVKSCTE CVRVDKDCAY
      51 CTDEMFRDRR CNTQAEELAA GCQRESIVVM ESSFQITEET QIDTTLRRSQ
     101 MSPQGLRVRL RPGEERHFEL EVFEPLESPV DLYILMDFSN SMSDDLNLK
     151 KMGQNLARVL SOLTSDYTIG FGKFVDKVSV PQTDMRPEKL KEPWPNSDPP
     201 FSFKNVISLT EDVDEFNRKL QGERISGNLD APEGGFDAIL QTAVCTRDIG
     251 WRPDSTHLLV FSTESAFHYE ADGANVLAGI MSRNDERCHL DTTGTYTQYR
     301 TQDYPSPVPTL VRLAKHNII PIFAVTNYSY SYYEKLHTYF PVSSLGVLQE
     351 DSSNIVELLE EAFNRIRSNL DIRALDSPRG LRTEVTSKMF QKTRTGSFHI
     401 RRGEVGIYQV QLRALHVDG THVCQLPEDQ KGNHLKPSF SDGLKMDAGI
     451 ICDVCTCELQ KEVRSARCSF NGDFVCGQCV CSEGWSGQTC NCSTGSLSDI
     501 QPCLREGEDK PCSGRGECQC GHCVCYGEGR YEGQFCEYDN FQCPRTSGLF
     551 CNDRGRCSMG QVCCEPGWTG PSCDCPLSNA TCIDSNGGIC NGRGHCECGR
     601 CHCHQQSLYT DTICEINYSY IHPGLCEDLR SCVQCQAWGT GEKKGRTCEE
     651 CNFKVKMVDL LKRAEEVVVR CSFRDEDDDC TYSYTMEGDG APGPNSTVLV
     701 HKKKDCPPGS FWLILPLLLL LLPLLALLLL LCWKYCACCK ACLALLPCCN
     751 RGHMVGFKED HYMLRENLMA SDHLDTPMLR SGNLKGDRDV RWKVNTNMQR
     801 PGFATHAASI NPTELVPYGL SLRLARLCTE NLLKPDTRC AQLRQVEVEN
     851 LNEVYRQISG VHKLQQTFR QQPNAGKKQD HTIVDTVLMA PRSAKPALLK
     901 LTEKQVEQRA FHDLVAPGY YTLTADQDAR GMVEFQEGVE LVDVRVPLFI
     951 RPEDDDEKQL LVEAIDVPAG TATLGRRLVN ITIIEQARD VVSFEQPEFS
    1001 VSRGDQVARI PVIRRLDGG KSQVSYRTQD GTAQGNRDYI PVEGELLFQP
    1051 GEAWKELQVK LLELQEVDSL LRGRQVRRFH VQLSNPKFGA HLGQPHSTTI
    1101 IIRDPDELDR SFTSQMLSSQ PPPHGDLAGP QNPNAKAAGS RKIHFNLWLP
    1151 SGKPMGYRVK YWIQDSESE AHLDSKVPS VELTNLYPYC DYEMKVCAYG
    1201 AQGEGPYSSL VSCRTHQEV SEPGRFAFNV VSSTVTQLSW AEPATNGEI
    1251 TAYEVCYGLV NDDNRPIGPM KKVLDVNPKN RMLLIENLRE SQPYRYTVKA
    1301 RANGAGWPER EAIINLATQP KRPMISIIP DIPIVDAQSG EDYDSFLMYS
    1351 DDVLRSPSGS QRPSVDDTE HLVNGRMDFA FPGSTNSLHR MTTTSAAAYG
    1401 THLSPHVPHR VLSTSTLTR DYNLSTRSEH SHSTLPRDY STLTSSVSHD
    1451 SRLTAGVPDT PTRLVFSALG PTLRVSQWE PRCERPLQGY SVEYQLLNGG
    1501 ELHRLNIPNP AQTSVVVEDL LPNHSYVFRV RAQSQEGWGR EREGVITIES
    1551 QVHPGSLPCP LPGSAFTLST PSAPGPLVFT ALSPDSLQLS WERPRRPNGD
    1601 IVGYLVTCM AQGGGPATAF RVDGDSPEER LTVPGLSNV PYKFKVQART
    1651 TEGFGPEREG IITIESQDGG PFPQLGSRAG LFQHPLQSEY SSITTTHTSA
    1701 TEPFLVDGPT LGAQHLEAGG SLTRHVTQEF VSRTLTTSGT LSTHMDQQFF
    1751 QT

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L9 ANSWER 5 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:412755 HCAPLUS
 DN 141:5810
 ED Entered STN: 21 May 2004
 TI Differentially expressed genes and encoded proteins in differentiated
 macrophages that are useful for diagnosis and treatment of immune-related
 diseases
 IN Clark, Hilary; Schoenfeld, Jill; Van Lookeren, Menno; Williams, P. Mickey;
 Wood, William I.; Wu, Thomas D.
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 2940 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM A61K
 CC 15-7 (Immunochimistry)
 Section cross-reference(s): 1, 3, 6, 9

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004041170	A2	20040521	WO 2003-US34312	20031030
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2002-423394P	P	20021101		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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WO 2004041170	ICM	A61K
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AB The present invention relates to compns. containing novel proteins and methods of using those compns. for the diagnosis and treatment of immune-related diseases. Specific cDNA sequences are provided which are differentially expressed (up-regulated) in differentiated macrophages at day 7 as compared to normal undifferentiated monocytes at day 0 and day 1. The encoded proteins are useful not only as diagnostic markers for the presence of one or more immune disorders, but also serve as therapeutic targets for the treatment of those immune disorders and inflammatory immune responses..

ST gene expression macrophage differentiation immune disease; monocyte differentiation gene expression immune disease

IT Transplant and Transplantation
 (-associated disease; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Animal cell line
 (CHO, recombinant expression host; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Nervous system, disease
 (Guillain-Barre syndrome; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Intestine, disease
 (Whipple's; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment

of immune-related diseases)

IT Allergy
Inflammation
Nose, disease
(allergic rhinitis; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Dermatitis
(atopic; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Anemia (disease)
Autoimmune disease
(autoimmune hemolytic anemia; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Skin, disease
(autoimmune or immune-mediated; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Autoimmune disease
(autoimmune thrombocytopenia; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Hepatitis
(autoimmune; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Skin, disease
(bullous; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Nervous system, disease
(central, demyelination; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Nervous system, disease
(chronic inflammatory demyelinating polyneuropathy; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Dermatitis
(contact; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Allergy
Allergy inhibitors
Anti-inflammatory agents
Antiarthritics
Antiasthmatics
Antidiabetic agents
Antirheumatic agents
Asthma
Biliary tract, disease
Biomarkers
Celiac disease
Diabetes mellitus
Drug screening
Drug targets
Food allergy
Human
Immunoassay
Immunomodulators
Inflammation
Mammalia
Molecular cloning
Osteoarthritis

Protein sequences
 Psoriasis
 Rheumatoid arthritis
 Sarcoidosis
 Sjogren's syndrome
 Transplant rejection
 Urticaria
 Vaccines
 cDNA sequences
 (differentially expressed genes and encoded proteins in differentiated
 macrophages that are useful for diagnosis and treatment of
 immune-related diseases)

IT Antisense nucleic acids
 RL: DGN (Diagnostic use); BIOL (Biological study); USES (Uses)
 (differentially expressed genes and encoded proteins in differentiated
 macrophages that are useful for diagnosis and treatment of
 immune-related diseases)

IT Antibodies and Immunoglobulins
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
 USES (Uses)
 (differentially expressed genes and encoded proteins in differentiated
 macrophages that are useful for diagnosis and treatment of
 immune-related diseases)

IT Macrophage
 (differentiation from monocytes; differentially expressed genes and
 encoded proteins in differentiated macrophages that are useful for
 diagnosis and treatment of immune-related diseases)

IT Monocyte
 (differentiation; differentially expressed genes and encoded proteins
 in differentiated macrophages that are useful for diagnosis and
 treatment of immune-related diseases)

IT Platelet (blood)
 (disease, autoimmune thrombocytopenia; differentially expressed genes
 and encoded proteins in differentiated macrophages that are useful for
 diagnosis and treatment of immune-related diseases)

IT Immunity
 (disorder; differentially expressed genes and encoded proteins in
 differentiated macrophages that are useful for diagnosis and treatment
 of immune-related diseases)

IT Lung, disease
 (eosinophilia; differentially expressed genes and encoded proteins in
 differentiated macrophages that are useful for diagnosis and treatment
 of immune-related diseases)

IT Lung, disease
 (fibrosis; differentially expressed genes and encoded proteins in
 differentiated macrophages that are useful for diagnosis and treatment
 of immune-related diseases)

IT Antibodies and Immunoglobulins
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
 USES (Uses)
 (fusion products, Fc region; differentially expressed genes and encoded
 proteins in differentiated macrophages that are useful for diagnosis
 and treatment of immune-related diseases)

IT Epitopes
 (fusion proteins; differentially expressed genes and encoded proteins
 in differentiated macrophages that are useful for diagnosis and
 treatment of immune-related diseases)

IT Transplant and Transplantation
 (graft-vs.-host reaction; differentially expressed genes and encoded
 proteins in differentiated macrophages that are useful for diagnosis
 and treatment of immune-related diseases)

IT Hepatitis
 (granulomatous; differentially expressed genes and encoded proteins in
 differentiated macrophages that are useful for diagnosis and treatment
 of immune-related diseases)

IT Antibodies and Immunoglobulins

RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
USES (Uses)

(humanized; differentially expressed genes and encoded proteins in
differentiated macrophages that are useful for diagnosis and treatment
of immune-related diseases)

IT Allergy

Inflammation

Lung, disease

(hypersensitivity pneumonitis; differentially expressed genes and
encoded proteins in differentiated macrophages that are useful for
diagnosis and treatment of immune-related diseases)

IT Nervous system, disease

(idiopathic demyelinating polyneuropathy; differentially expressed
genes and encoded proteins in differentiated macrophages that are
useful for diagnosis and treatment of immune-related diseases)

IT Muscle, disease

(idiopathic inflammatory myopathy; differentially expressed genes and
encoded proteins in differentiated macrophages that are useful for
diagnosis and treatment of immune-related diseases)

IT Proteins

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP
(Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(immune disease-related; differentially expressed genes and encoded
proteins in differentiated macrophages that are useful for diagnosis
and treatment of immune-related diseases)

IT Kidney, disease

(immune-mediated; differentially expressed genes and encoded proteins
in differentiated macrophages that are useful for diagnosis and
treatment of immune-related diseases)

IT Lung, disease

(immunol.; differentially expressed genes and encoded proteins in
differentiated macrophages that are useful for diagnosis and treatment
of immune-related diseases)

IT Hepatitis

(infectious; differentially expressed genes and encoded proteins in
differentiated macrophages that are useful for diagnosis and treatment
of immune-related diseases)

IT Intestine, disease

(inflammatory; differentially expressed genes and encoded proteins in
differentiated macrophages that are useful for diagnosis and treatment
of immune-related diseases)

IT Rheumatoid arthritis

(juvenile; differentially expressed genes and encoded proteins in
differentiated macrophages that are useful for diagnosis and treatment
of immune-related diseases)

IT Diagnosis

(mol.; differentially expressed genes and encoded proteins in
differentiated macrophages that are useful for diagnosis and treatment
of immune-related diseases)

IT Antibodies and Immunoglobulins

RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
USES (Uses)
(monoclonal; differentially expressed genes and encoded proteins in
differentiated macrophages that are useful for diagnosis and treatment
of immune-related diseases)

IT Erythema

(multiforme; differentially expressed genes and encoded proteins in
differentiated macrophages that are useful for diagnosis and treatment
of immune-related diseases)

IT Cell differentiation

(of monocytes to macrophages; differentially expressed genes and
encoded proteins in differentiated macrophages that are useful for
diagnosis and treatment of immune-related diseases)

IT Nervous system, disease

(peripheral, demyelination; differentially expressed genes and encoded
proteins in differentiated macrophages that are useful for diagnosis

and treatment of immune-related diseases)

IT Biliary tract, disease
(primary biliary cirrhosis; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Fibrosis
(pulmonary; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Escherichia coli
Yeast
(recombinant expression host; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Connective tissue, disease
(scleroderma; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Biliary tract, disease
Inflammation
(sclerosing cholangitis; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(single chain; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Spinal column, disease
(spondyloarthropathy; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Lupus erythematosus
(systemic; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Inflammation
Thyroid gland, disease
(thyroiditis; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Blood vessel, disease
Inflammation
(vasculitis; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT Fusion proteins (chimeric proteins)
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(with epitope tags or Fc region of Ig; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT 212756-87-1 678990-33-5 688739-47-1 688739-48-2 694503-20-3
694503-21-4 694535-05-2 694535-07-4 694535-09-6 694535-11-0
694535-13-2 694535-15-4 694535-17-6 694535-19-8 694535-21-2
694535-23-4 694535-25-6 694535-27-8 694535-29-0 694535-31-4
694535-33-6 694535-35-8 694535-37-0 694535-39-2 694535-41-6
694535-43-8 694535-45-0 694535-47-2 694535-49-4 694535-52-9
694535-54-1 694535-56-3 694535-58-5 694535-60-9 694535-62-1
694535-64-3 694535-66-5 694535-68-7 694535-70-1 694535-72-3
694535-74-5 694535-76-7 694535-78-9 694535-80-3 694535-83-6
694535-85-8 694535-87-0 694535-89-2 694535-91-6 694535-93-8
694535-95-0 694535-97-2 694535-99-4 694536-01-1 694536-03-3
694536-05-5 694536-07-7 694536-09-9 694536-11-3 694536-13-5
694536-15-7 694536-17-9 694536-19-1 694536-21-5 694536-23-7

694536-25-9	694536-27-1	694536-29-3	694536-31-7	694536-33-9
694536-35-1	694536-37-3	694536-39-5	694536-41-9	694536-43-1
694536-45-3	694536-47-5	694536-49-7	694536-51-1	694536-54-4
694536-56-6	694536-58-8	694536-60-2	694536-62-4	694536-64-6
694536-66-8	694536-68-0	694536-70-4	694536-72-6	
694536-75-9	694536-77-1	694536-79-3	694536-81-7	694536-83-9
694536-85-1	694536-87-3	694536-89-5	694536-91-9	694536-93-1
694536-95-3	694536-97-5	694537-00-3	694537-02-5	694537-05-8
694537-07-0	694537-10-5	694537-12-7	694537-14-9	694537-16-1
694537-18-3	694537-20-7	694537-22-9	694537-24-1	694537-26-3
694537-28-5	694537-30-9	694537-32-1	694537-34-3	694537-36-5
694537-38-7	694537-40-1	694537-43-4	694537-45-6	694537-47-8
694537-49-0	694537-51-4	694537-53-6	694537-55-8	694537-57-0
694537-59-2	694537-61-6	694537-63-8	694537-65-0	694537-67-2
694537-69-4	694537-71-8	694537-73-0	694537-75-2	694537-77-4
694537-79-6	694537-81-0	694537-83-2	694537-85-4	694537-87-6
694537-90-1	694537-92-3	694537-94-5	694537-96-7	694537-98-9
694538-00-6	694538-02-8	694538-03-9	694538-05-1	694538-07-3
694538-09-5	694538-12-0	694538-14-2	694538-16-4	694538-18-6
694538-20-0	694538-22-2	694538-24-4	694538-26-6	694538-28-8
694538-30-2	694538-32-4	694538-34-6	694538-36-8	694538-38-0
694538-40-4	694538-42-6	694538-44-8	694538-46-0	694538-48-2
694538-50-6	694538-52-8	694538-54-0	694538-56-2	694538-58-4
694538-60-8	694538-62-0	694538-64-2	694538-66-4	694538-68-6
694538-70-0	694538-72-2	694538-74-4	694538-76-6	694538-78-8
694538-80-2	694538-82-4	694538-84-6	694538-86-8	694538-88-0
694538-90-4	694538-92-6	694538-94-8	694538-96-0	694538-98-2
694539-00-9	694539-02-1	694539-04-3	694539-07-6	694539-09-8
694539-11-2	694539-13-4	694539-15-6	694539-17-8	694539-19-0
694539-21-4	694539-23-6	694539-25-8	694539-28-1	694539-30-5
694539-32-7	694539-34-9	694539-36-1	694539-38-3	694539-40-7
694539-42-9	694539-44-1	694539-46-3	694539-48-5	694539-50-9
694539-52-1	694539-54-3	694539-56-5	694539-58-7	694539-60-1
694539-63-4	694539-65-6	694539-67-8	694539-69-0	694539-71-4

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (amino acid sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT	694539-73-6	694539-75-8	694539-77-0	694539-79-2	694539-81-6
	694539-83-8	694539-86-1	694539-88-3	694539-91-8	694539-93-0
	694539-95-2	694539-97-4	694539-99-6	694540-01-7	694540-03-9
	694540-05-1	694540-07-3	694540-09-5	694540-11-9	694540-13-1
	694540-15-3	694540-17-5	694540-19-7	694540-21-1	694540-23-3
	694540-25-5	694540-27-7	694540-29-9	694540-31-3	694540-33-5
	694540-35-7	694540-37-9	694540-39-1	694540-41-5	694540-43-7
	694540-45-9	694540-47-1	694540-49-3	694540-51-7	694540-53-9
	694540-55-1	694540-57-3	694540-59-5	694540-61-9	694540-63-1
	694540-65-3	694540-67-5	694540-69-7	694540-71-1	694540-73-3
	694540-75-5	694540-77-7	694540-79-9	694540-81-3	694540-83-5
	694540-85-7	694540-87-9	694540-89-1	694540-91-5	694540-93-7
	694540-95-9	694540-97-1	694540-99-3	694541-01-0	694541-03-2
	694541-05-4	694541-07-6	694541-09-8	694541-11-2	694541-14-5
	694541-16-7	694541-18-9	694541-20-3	694541-22-5	694541-24-7
	694541-26-9	694541-28-1	694541-30-5	694541-32-7	694541-34-9
	694541-36-1	694541-38-3	694541-40-7	694541-42-9	694541-44-1
	694541-46-3	694541-48-5	694541-50-9	694541-52-1	694541-54-3
	694541-56-5	694541-58-7	694541-60-1	694541-62-3	694541-64-5
	694541-66-7	694541-68-9	694541-70-3	694541-72-5	694541-74-7
	694541-76-9	694541-78-1	694541-80-5	694541-83-8	694541-85-0
	694541-87-2	694541-89-4	694541-91-8	694541-93-0	694541-95-2
	694541-97-4	694541-99-6	694542-01-3	694542-03-5	694542-05-7
	694542-07-9	694542-09-1	694542-11-5	694542-13-7	694542-15-9
	694542-17-1	694542-19-3	694542-21-7	694542-23-9	694542-25-1
	694542-27-3	694542-29-5	694542-31-9	694542-33-1	
	694542-35-3	694542-37-5	694542-39-7	694542-41-1	694542-43-3

694542-45-5	694542-47-7	694542-49-9	694542-51-3	694542-53-5
694542-55-7	694542-57-9	694542-59-1	694542-61-5	694542-63-7
694542-65-9	694542-67-1	694542-69-3	694542-71-7	694542-73-9
694542-75-1	694542-77-3	694542-79-5	694542-81-9	694542-83-1
694542-85-3	694542-87-5	694542-89-7	694542-91-1	694542-93-3
694542-95-5	694542-97-7	694542-99-9	694543-01-6	694543-03-8
694543-05-0	694543-07-2	694543-09-4	694543-11-8	694543-13-0
694543-15-2	694543-17-4	694543-19-6	694543-21-0	694543-23-2
694543-25-4	694543-27-6	694543-29-8	694543-31-2	694543-33-4
694543-35-6	694543-37-8	694543-39-0	694543-41-4	694543-43-6
694543-45-8	694543-47-0	694543-49-2	694543-51-6	694543-53-8
694543-55-0	694543-57-2	694543-59-4	694543-61-8	694543-63-0
694543-65-2	694543-67-4	694543-69-6	694543-71-0	694543-73-2
694543-75-4	694543-77-6	694543-79-8	694543-81-2	694543-83-4
694543-85-6	694543-87-8	694543-89-0	694543-91-4	694543-93-6
694543-95-8	694543-97-0	694543-99-2	694544-01-9	694544-04-2
694544-06-4	694544-08-6	694544-10-0	694544-12-2	694544-14-4
694544-16-6	694544-18-8	694544-20-2	694544-22-4	694544-24-6
694544-26-8	694544-28-0	694544-30-4	694544-32-6	694544-34-8
694544-37-1	694544-39-3	694544-41-7	694544-43-9	694544-45-1

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT 694544-47-3	694544-49-5	694544-51-9	694544-53-1	694544-55-3
694544-57-5	694544-59-7	694544-61-1	694544-63-3	694544-65-5
694544-67-7	694544-69-9	694544-71-3	694544-73-5	694544-75-7
694544-77-9	694544-79-1	694544-81-5	694544-83-7	694544-85-9
694544-87-1	694544-89-3	694544-91-7	694544-93-9	694544-95-1
694544-97-3	694544-99-5	694545-01-2	694545-03-4	694545-05-6
694545-07-8	694545-09-0	694545-11-4	694545-14-7	694545-16-9
694545-18-1	694545-20-5	694545-22-7	694545-24-9	694545-26-1
694545-28-3	694545-30-7	694545-32-9	694545-34-1	694545-36-3
694545-38-5	694545-40-9	694545-42-1	694545-44-3	694545-46-5
694545-48-7	694545-50-1	694545-52-3	694545-54-5	694545-56-7
694545-58-9	694545-60-3	694545-62-5	694545-64-7	694545-66-9
694545-68-1	694545-70-5	694545-72-7	694545-74-9	694545-76-1
694545-78-3	694545-80-7	694545-82-9	694545-84-1	694545-86-3
694545-88-5	694545-90-9	694545-92-1	694545-94-3	694545-96-5
694545-98-7	694546-00-4	694546-02-6	694546-04-8	694546-06-0
694546-08-2	694546-10-6	694546-12-8	694546-14-0	694546-16-2
694546-18-4	694546-20-8	694546-22-0	694546-24-2	694546-26-4
694546-28-6	694546-30-0	694546-32-2	694546-34-4	694546-37-7
694546-39-9	694546-41-3	694546-43-5	694546-45-7	694546-47-9
694546-49-1	694546-51-5	694546-53-7	694546-55-9	694546-57-1
694546-59-3	694546-61-7	694546-63-9	694546-65-1	694546-67-3
694546-69-5	694546-71-9	694546-73-1	694546-75-3	694546-77-5
694546-79-7	694546-81-1	694546-83-3	694546-85-5	694546-87-7
694546-89-9	694546-91-3	694546-93-5	694546-95-7	694546-97-9
694546-99-1	694547-01-8	694547-03-0	694547-05-2	694547-07-4
694547-09-6	694547-11-0	694547-13-2	694547-15-4	694547-17-6
694547-19-8	694547-21-2	694547-23-4	694547-25-6	694547-27-8
694547-29-0	694547-31-4	694547-33-6	694547-35-8	694547-37-0
694547-39-2	694547-41-6	694547-43-8	694547-45-0	694547-47-2
694547-49-4	694547-51-8	694547-53-0	694547-55-2	694547-57-4
694547-59-6	694547-61-0	694547-63-2	694547-65-4	694547-67-6
694547-69-8	694547-71-2	694547-73-4	694547-75-6	694547-77-8
694547-79-0	694547-81-4	694547-83-6	694547-85-8	694547-87-0
694547-89-2	694547-91-6	694547-93-8	694547-95-0	694547-97-2
694547-99-4	694548-01-1	694548-03-3	694548-05-5	694548-07-7
694548-09-9	694548-11-3	694548-13-5	694548-15-7	694548-17-9
694548-19-1	694548-21-5	694548-23-7	694548-25-9	694548-27-1
694548-29-3	694548-31-7	694548-33-9	694548-35-1	694548-37-3
694548-39-5	694548-41-9	694548-44-2	694548-46-4	694548-48-6
694548-50-0	694548-52-2	694548-54-4	694548-56-6	694548-58-8

694548-60-2	694548-62-4	694548-64-6	694548-66-8	694548-68-0
694548-70-4	694548-72-6	694548-74-8	694548-76-0	694548-78-2
694548-80-6	694548-82-8	694548-84-0	694548-86-2	694548-88-4
694548-90-8	694548-92-0	694548-94-2	694548-96-4	694548-98-6
694549-00-3	694549-02-5	694549-04-7	694549-06-9	694549-09-2
694549-11-6	694549-13-8	694549-15-0	694549-17-2	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT	694549-19-4	694549-21-8	694549-23-0	694549-25-2	694549-27-4
	694549-29-6	694549-31-0	694549-33-2	694549-34-3	694549-36-5
	694549-38-7	694549-40-1	694549-42-3	694549-44-5	694549-46-7
	694549-48-9	694549-50-3	694549-52-5	694549-54-7	694549-56-9
	694549-58-1	694549-60-5	694549-62-7	694549-64-9	694549-66-1
	694549-68-3	694549-70-7	694549-72-9	694549-74-1	694549-76-3
	694549-78-5	694549-80-9	694549-83-2	694549-85-4	694549-87-6
	694549-89-8	694549-91-2	694549-93-4	694549-95-6	694549-97-8
	694549-99-0	694550-01-1	694550-03-3	694550-05-5	694550-07-7
	694550-09-9	694550-12-4	694550-14-6	694550-16-8	694550-18-0
	694550-20-4	694550-22-6	694550-24-8	694550-26-0	694550-28-2
	694550-30-6	694550-32-8	694550-34-0	694550-36-2	694550-38-4
	694550-40-8	694550-42-0	694550-44-2	694550-46-4	694550-48-6
	694550-50-0	694550-52-2	694550-54-4	694550-56-6	694550-58-8
	694550-60-2	694550-62-4	694550-64-6	694550-66-8	694550-68-0
	694550-70-4	694550-72-6	694550-74-8	694550-76-0	694550-78-2
	694550-80-6	694550-82-8	694550-83-9	694550-84-0	694550-86-2
	694550-88-4	694550-90-8	694550-94-2	694550-96-4	694550-98-6
	694551-00-3	694551-02-5	694551-04-7	694551-06-9	694551-08-1
	694551-10-5	694551-12-7	694551-14-9	694551-16-1	694551-18-3
	694551-20-7	694551-22-9	694551-24-1	694551-26-3	694551-30-9
	694551-33-2	694551-35-4	694551-37-6	694551-40-1	694551-42-3
	694551-46-7	694551-48-9	694551-51-4	694551-53-6	694551-55-8
	694551-58-1	694551-60-5	694551-62-7	694551-64-9	694551-67-2
	694551-69-4	694551-72-9	694551-74-1	694551-77-4	694551-80-9
	694551-82-1	694551-85-4	694551-88-7	694551-90-1	694551-92-3
	694551-94-5	694551-96-7	694551-98-9	694552-00-6	694552-03-9
	694552-06-2	694552-08-4	694552-11-9	694552-13-1	694552-15-3
	694552-17-5	694552-19-7	694552-21-1	694552-23-3	694552-27-7
	694552-29-9	694552-32-4	694552-35-7	694552-37-9	694552-39-1
	694552-41-5	694552-44-8	694552-47-1	694552-49-3	694552-52-8
	694552-54-0	694552-56-2	694552-59-5	694552-61-9	694552-64-2
	694552-66-4	694552-69-7	694552-71-1	694552-75-5	694552-77-7
	694552-79-9	694552-81-3	694552-83-5	694552-85-7	694552-87-9
	694552-91-5	694552-93-7	694552-95-9	694552-97-1	694552-99-3
	694553-01-0	694553-03-2	694553-05-4	694553-07-6	694553-10-1
	694553-12-3	694553-15-6	694553-17-8	694553-19-0	694553-21-4
	694553-24-7	694553-26-9	694553-28-1	694553-30-5	694553-32-7
	694553-34-9	694553-36-1	694553-38-3	694553-40-7	694553-42-9
	694553-45-2	694553-47-4	694553-49-6	694553-51-0	694553-53-2
	694553-55-4	694553-57-6	694553-59-8	694553-61-2	694553-63-4
	694553-65-6	694553-67-8	694553-71-4	694553-73-6	694553-75-8
	694553-77-0	694553-80-5	694553-82-7	694553-84-9	694553-87-2
	694553-91-8	694553-93-0	694553-95-2	694553-97-4	694553-99-6
	694554-02-4	694554-04-6	694554-07-9	694554-09-1	694554-11-5
	694554-13-7	694554-15-9	694554-17-1	694554-19-3	694554-21-7
	694554-23-9	694554-26-2	694554-28-4	694554-30-8	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT	694554-32-0	694554-34-2	694554-37-5	694554-40-0	694554-42-2
	694554-45-5	694554-47-7	694554-49-9	694554-51-3	694554-53-5
	694554-55-7	694554-57-9	694554-59-1	694554-61-5	694554-63-7

694554-65-9	694554-67-1	694554-69-3	694554-71-7	694554-73-9
694554-75-1	694554-77-3	694554-79-5	694554-81-9	694554-83-1
694554-85-3	694554-87-5	694554-89-7	694554-91-1	694554-93-3
694554-95-5	694554-97-7	694554-99-9	694555-01-6	694555-03-8
694555-05-0	694555-08-3	694555-10-7	694555-12-9	694555-14-1
694555-16-3	694555-18-5	694555-20-9	694555-22-1	694555-24-3
694555-26-5	694555-28-7	694555-30-1	694555-32-3	694555-34-5
694555-36-7	694555-38-9	694555-40-3	694555-42-5	694555-44-7
694555-46-9	694555-48-1	694555-50-5	694555-52-7	694555-54-9
694555-56-1	694555-58-3	694555-60-7	694555-62-9	694555-64-1
694555-66-3	694555-68-5	694555-70-9	694555-72-1	694555-74-3
694555-76-5	694555-78-7	694555-80-1	694555-82-3	694555-84-5
694555-86-7	694555-88-9	694555-90-3	694555-92-5	694555-95-8
694555-97-0	694555-99-2	694556-01-9	694556-03-1	694556-05-3
694556-07-5	694556-09-7	694556-11-1	694556-13-3	694556-15-5
694556-17-7	694556-19-9	694556-21-3	694556-23-5	694556-25-7
694556-27-9	694556-29-1	694556-31-5	694556-33-7	694556-35-9
694556-37-1	694556-39-3	694556-41-7	694556-43-9	694556-45-1
694556-47-3	694556-49-5	694556-51-9	694556-53-1	694556-55-3
694556-57-5	694556-59-7	694556-61-1	694556-63-3	694556-65-5
694556-67-7	694556-69-9	694556-71-3	694556-73-5	694556-75-7
694556-77-9	694556-79-1	694556-81-5	694556-83-7	694556-85-9
694556-87-1	694556-89-3	694556-91-7	694556-93-9	694556-95-1
694556-97-3	694556-99-5	694557-01-2	694557-03-4	694557-05-6
694557-07-8	694557-09-0	694557-11-4	694557-13-6	694557-15-8
694557-17-0	694557-19-2	694557-21-6	694557-23-8	694557-25-0
694557-27-2	694557-29-4	694557-31-8	694557-33-0	694557-35-2
694557-37-4	694557-39-6	694557-41-0	694557-43-2	694557-45-4
694557-47-6	694557-49-8	694557-51-2	694557-53-4	694557-55-6
694557-57-8	694557-59-0	694557-61-4	694557-63-6	694557-65-8
694557-67-0	694557-69-2	694557-71-6	694557-73-8	694557-75-0
694557-77-2	694557-79-4	694557-81-8	694557-83-0	694557-85-2
694557-87-4	694557-89-6	694557-91-0	694557-93-2	694557-95-4
694557-97-6	694557-99-8	694558-01-5	694558-03-7	694558-05-9
694558-07-1	694558-09-3	694558-11-7	694558-13-9	694558-15-1
694558-17-3	694558-19-5	694558-21-9	694558-23-1	694558-25-3
694558-27-5	694558-29-7	694558-31-1	694558-33-3	694558-35-5
694558-37-7	694558-39-9	694558-42-4	694558-44-6	694558-46-8
694558-48-0	694558-50-4	694558-52-6	694558-54-8	694558-56-0
694558-58-2	694558-60-6	694558-62-8	694558-64-0	694558-66-2
694558-68-4	694558-70-8	694558-72-0	694558-74-2	694558-76-4
694558-78-6	694558-80-0	694558-82-2	694558-84-4	694558-86-6
694558-89-9	694558-91-3	694558-93-5	694558-95-7	694558-98-0
694559-00-7	694559-02-9	694559-04-1	694559-06-3	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT 694559-08-5	694559-10-9	694559-12-1	694559-14-3	694559-16-5
694559-18-7	694559-20-1	694559-23-4	694559-25-6	694559-27-8
694559-30-3	694559-32-5	694559-35-8	694559-37-0	694559-39-2
694559-41-6	694559-43-8	694559-46-1	694559-48-3	694559-50-7
694559-52-9	694559-54-1	694559-56-3	694559-58-5	694559-60-9
694559-62-1	694559-64-3	694559-67-6	694559-70-1	695153-07-2
695153-08-3	695153-09-4	695153-10-7	695153-11-8	695153-12-9
695153-13-0	695153-14-1	695153-15-2	695153-16-3	695153-17-4
695153-18-5	695153-19-6			

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT 695153-92-5

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT	694535-04-1	694535-06-3	694535-08-5	694535-10-9	694535-12-1
	694535-14-3	694535-16-5	694535-18-7	694535-20-1	694535-22-3
	694535-24-5	694535-26-7	694535-28-9	694535-30-3	694535-32-5
	694535-34-7	694535-36-9	694535-38-1	694535-40-5	694535-42-7
	694535-44-9	694535-46-1	694535-48-3	694535-50-7	694535-51-8
	694535-53-0	694535-55-2	694535-57-4	694535-59-6	694535-61-0
	694535-63-2	694535-65-4	694535-67-6	694535-69-8	694535-71-2
	694535-73-4	694535-75-6	694535-77-8	694535-79-0	694535-81-4
	694535-82-5	694535-84-7	694535-86-9	694535-88-1	694535-90-5
	694535-92-7	694535-94-9	694535-96-1	694535-98-3	694536-00-0
	694536-02-2	694536-04-4	694536-06-6	694536-08-8	694536-10-2
	694536-12-4	694536-14-6	694536-16-8	694536-18-0	694536-20-4
	694536-22-6	694536-24-8	694536-26-0	694536-28-2	694536-30-6
	694536-32-8	694536-34-0	694536-36-2	694536-38-4	694536-40-8
	694536-42-0	694536-44-2	694536-46-4	694536-48-6	694536-50-0
	694536-52-2	694536-53-3	694536-55-5	694536-57-7	694536-59-9
	694536-61-3	694536-63-5	694536-65-7	694536-67-9	694536-69-1
	694536-71-5	694536-73-7	694536-74-8	694536-76-0	694536-78-2
	694536-80-6	694536-82-8	694536-84-0	694536-86-2	694536-88-4
	694536-90-8	694536-92-0	694536-94-2	694536-96-4	694536-98-6
	694536-99-7	694537-01-4	694537-03-6	694537-04-7	694537-06-9
	694537-08-1	694537-09-2	694537-11-6	694537-13-8	694537-15-0
	694537-17-2	694537-19-4	694537-21-8	694537-23-0	694537-25-2
	694537-27-4	694537-29-6	694537-31-0	694537-33-2	694537-35-4
	694537-37-6	694537-39-8	694537-41-2	694537-42-3	694537-44-5
	694537-46-7	694537-48-9	694537-50-3	694537-52-5	694537-54-7
	694537-56-9	694537-58-1	694537-60-5	694537-62-7	694537-64-9
	694537-66-1	694537-68-3	694537-70-7	694537-72-9	694537-74-1
	694537-76-3	694537-78-5	694537-80-9	694537-82-1	694537-84-3
	694537-86-5	694537-88-7	694537-89-8	694537-91-2	694537-93-4
	694537-95-6	694537-97-8	694537-99-0	694538-01-7	694538-04-0
	694538-06-2	694538-08-4	694538-10-8	694538-11-9	694538-13-1
	694538-15-3	694538-17-5	694538-19-7	694538-21-1	694538-23-3
	694538-25-5	694538-27-7	694538-29-9	694538-31-3	694538-33-5
	694538-35-7	694538-37-9	694538-39-1	694538-41-5	694538-43-7
	694538-45-9	694538-47-1	694538-49-3	694538-51-7	694538-53-9
	694538-55-1	694538-57-3	694538-59-5	694538-61-9	694538-63-1
	694538-65-3	694538-67-5	694538-69-7	694538-71-1	694538-73-3
	694538-75-5	694538-77-7	694538-79-9	694538-81-3	694538-83-5
	694538-85-7	694538-87-9	694538-89-1	694538-91-5	694538-93-7
	694538-95-9	694538-97-1	694538-99-3	694539-01-0	694539-03-2
	694539-05-4	694539-06-5	694539-08-7	694539-10-1	694539-12-3
	694539-14-5	694539-16-7	694539-18-9	694539-20-3	694539-22-5
	694539-24-7	694539-26-9	694539-27-0	694539-29-2	694539-31-6
	694539-33-8	694539-35-0	694539-37-2	694539-39-4	694539-41-8
	694539-43-0	694539-45-2	694539-47-4	694539-49-6	694539-51-0
	694539-53-2	694539-55-4	694539-57-6	694539-59-8	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT	694539-61-2	694539-62-3	694539-64-5	694539-66-7	694539-68-9
	694539-70-3	694539-72-5	694539-74-7	694539-76-9	694539-78-1
	694539-80-5	694539-82-7	694539-84-9	694539-85-0	694539-87-2
	694539-89-4	694539-90-7	694539-92-9	694539-94-1	694539-96-3
	694539-98-5	694540-00-6	694540-02-8	694540-04-0	694540-06-2
	694540-08-4	694540-10-8	694540-12-0	694540-14-2	694540-16-4
	694540-18-6	694540-20-0	694540-22-2	694540-24-4	694540-26-6
	694540-28-8	694540-30-2	694540-32-4	694540-34-6	694540-36-8
	694540-38-0	694540-40-4	694540-42-6	694540-44-8	694540-46-0
	694540-48-2	694540-50-6	694540-52-8	694540-54-0	694540-56-2
	694540-58-4	694540-60-8	694540-62-0	694540-64-2	694540-66-4

694540-68-6	694540-70-0	694540-72-2	694540-74-4	694540-76-6
694540-78-8	694540-80-2	694540-82-4	694540-84-6	694540-86-8
694540-88-0	694540-90-4	694540-92-6	694540-94-8	694540-96-0
694540-98-2	694541-00-9	694541-02-1	694541-04-3	694541-06-5
694541-08-7	694541-10-1	694541-12-3	694541-13-4	694541-15-6
694541-17-8	694541-19-0	694541-21-4	694541-23-6	694541-25-8
694541-27-0	694541-29-2	694541-31-6	694541-33-8	694541-35-0
694541-37-2	694541-39-4	694541-41-8	694541-43-0	694541-45-2
694541-47-4	694541-49-6	694541-51-0	694541-53-2	694541-55-4
694541-57-6	694541-59-8	694541-61-2	694541-63-4	694541-65-6
694541-67-8	694541-69-0	694541-71-4	694541-73-6	694541-75-8
694541-77-0	694541-79-2	694541-81-6	694541-82-7	694541-84-9
694541-86-1	694541-88-3	694541-90-7	694541-92-9	694541-94-1
694541-96-3	694541-98-5	694542-00-2	694542-02-4	694542-04-6
694542-06-8	694542-08-0	694542-10-4	694542-12-6	694542-14-8
694542-16-0	694542-18-2	694542-20-6	694542-22-8	694542-24-0
694542-26-2	694542-28-4	694542-30-8	694542-32-0	694542-34-2
694542-36-4	694542-38-6	694542-40-0	694542-42-2	694542-44-4
694542-46-6	694542-48-8	694542-50-2	694542-52-4	694542-54-6
694542-56-8	694542-58-0	694542-60-4	694542-62-6	694542-64-8
694542-66-0	694542-68-2	694542-70-6	694542-72-8	694542-74-0
694542-76-2	694542-78-4	694542-80-8	694542-82-0	694542-84-2
694542-86-4	694542-88-6	694542-90-0	694542-92-2	694542-94-4
694542-96-6	694542-98-8	694543-00-5	694543-02-7	694543-04-9
694543-06-1	694543-08-3	694543-10-7	694543-12-9	694543-14-1
694543-16-3	694543-18-5	694543-20-9	694543-22-1	694543-24-3
694543-26-5	694543-28-7	694543-30-1	694543-32-3	694543-34-5
694543-36-7	694543-38-9	694543-40-3	694543-42-5	694543-44-7
694543-46-9	694543-48-1	694543-50-5	694543-52-7	694543-54-9
694543-56-1	694543-58-3	694543-60-7	694543-62-9	694543-64-1
694543-66-3	694543-68-5	694543-70-9	694543-72-1	694543-74-3
694543-76-5	694543-78-7	694543-80-1	694543-82-3	694543-84-5
694543-86-7	694543-88-9	694543-90-3	694543-92-5	694543-94-7
694543-96-9	694543-98-1	694544-00-8	694544-02-0	694544-03-1
694544-05-3	694544-07-5	694544-09-7	694544-11-1	694544-13-3
694544-15-5	694544-17-7	694544-19-9	694544-21-3	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT 694544-23-5	694544-25-7	694544-27-9	694544-29-1	694544-31-5
694544-33-7	694544-35-9	694544-36-0	694544-38-2	694544-40-6
694544-42-8	694544-44-0	694544-46-2	694544-48-4	694544-50-8
694544-52-0	694544-54-2	694544-56-4	694544-58-6	694544-60-0
694544-62-2	694544-64-4	694544-66-6	694544-68-8	694544-70-2
694544-72-4	694544-74-6	694544-76-8	694544-78-0	694544-80-4
694544-82-6	694544-84-8	694544-86-0	694544-88-2	694544-90-6
694544-92-8	694544-94-0	694544-96-2	694544-98-4	694545-00-1
694545-02-3	694545-04-5	694545-06-7	694545-08-9	694545-10-3
694545-12-5	694545-13-6	694545-15-8	694545-17-0	694545-19-2
694545-21-6	694545-23-8	694545-25-0	694545-27-2	694545-29-4
694545-31-8	694545-33-0	694545-35-2	694545-37-4	694545-39-6
694545-41-0	694545-43-2	694545-45-4	694545-47-6	694545-49-8
694545-51-2	694545-53-4	694545-55-6	694545-57-8	694545-59-0
694545-61-4	694545-63-6	694545-65-8	694545-67-0	694545-69-2
694545-71-6	694545-73-8	694545-75-0	694545-77-2	694545-79-4
694545-81-8	694545-83-0	694545-85-2	694545-87-4	694545-89-6
694545-91-0	694545-93-2	694545-95-4	694545-97-6	694545-99-8
694546-01-5	694546-03-7	694546-05-9	694546-07-1	694546-09-3
694546-11-7	694546-13-9	694546-15-1	694546-17-3	694546-19-5
694546-21-9	694546-23-1	694546-25-3	694546-27-5	694546-29-7
694546-31-1	694546-33-3	694546-35-5	694546-36-6	694546-38-8
694546-40-2	694546-42-4	694546-44-6	694546-46-8	694546-48-0
694546-50-4	694546-52-6	694546-54-8	694546-56-0	694546-58-2
694546-60-6	694546-62-8	694546-64-0	694546-66-2	694546-68-4

694546-70-8	694546-72-0	694546-74-2	694546-76-4	694546-78-6
694546-80-0	694546-82-2	694546-84-4	694546-86-6	694546-88-8
694546-90-2	694546-92-4	694546-94-6	694546-96-8	694546-98-0
694547-00-7	694547-02-9	694547-04-1	694547-06-3	694547-08-5
694547-10-9	694547-12-1	694547-14-3	694547-16-5	694547-18-7
694547-20-1	694547-22-3	694547-24-5	694547-26-7	694547-28-9
694547-30-3	694547-32-5	694547-34-7	694547-36-9	694547-38-1
694547-40-5	694547-42-7	694547-44-9	694547-46-1	694547-48-3
694547-50-7	694547-52-9	694547-54-1	694547-56-3	694547-58-5
694547-60-9	694547-62-1	694547-64-3	694547-66-5	694547-68-7
694547-70-1	694547-72-3	694547-74-5	694547-76-7	694547-78-9
694547-80-3	694547-82-5	694547-84-7	694547-86-9	694547-88-1
694547-90-5	694547-92-7	694547-94-9	694547-96-1	694547-98-3
694548-00-0	694548-02-2	694548-04-4	694548-06-6	694548-08-8
694548-10-2	694548-12-4	694548-14-6	694548-16-8	694548-18-0
694548-20-4	694548-22-6	694548-24-8	694548-26-0	694548-28-2
694548-30-6	694548-32-8	694548-34-0	694548-36-2	694548-38-4
694548-40-8	694548-42-0	694548-43-1	694548-45-3	694548-47-5
694548-49-7	694548-51-1	694548-53-3	694548-55-5	694548-57-7
694548-59-9	694548-61-3	694548-63-5	694548-65-7	694548-67-9
694548-69-1	694548-71-5	694548-73-7	694548-75-9	694548-77-1
694548-79-3	694548-81-7	694548-83-9	694548-85-1	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT	694548-87-3	694548-89-5	694548-91-9	694548-93-1	694548-95-3
	694548-97-5	694548-99-7	694549-01-4	694549-03-6	694549-05-8
	694549-07-0	694549-08-1	694549-10-5	694549-12-7	694549-14-9
	694549-16-1	694549-18-3	694549-20-7	694549-22-9	694549-24-1
	694549-26-3	694549-28-5	694549-30-9	694549-32-1	694549-35-4
	694549-37-6	694549-39-8	694549-41-2	694549-43-4	694549-45-6
	694549-47-8	694549-49-0	694549-51-4	694549-53-6	694549-55-8
	694549-57-0	694549-59-2	694549-61-6	694549-63-8	694549-65-0
	694549-67-2	694549-69-4	694549-71-8	694549-73-0	694549-75-2
	694549-77-4	694549-79-6	694549-81-0	694549-82-1	694549-84-3
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	694549-96-7	694549-98-9	694550-00-0	694550-02-2	694550-04-4
	694550-06-6	694550-08-8	694550-10-2	694550-11-3	694550-13-5
	694550-15-7	694550-17-9	694550-19-1	694550-21-5	694550-23-7
	694550-25-9	694550-27-1	694550-29-3	694550-31-7	694550-33-9
	694550-35-1	694550-37-3	694550-39-5	694550-41-9	694550-43-1
	694550-45-3	694550-47-5	694550-49-7	694550-51-1	694550-53-3
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	694550-65-7	694550-67-9	694550-69-1	694550-71-5	694550-73-7
	694550-75-9	694550-77-1	694550-79-3	694550-81-7	694550-85-1
	694550-87-3	694550-89-5	694550-91-9	694550-92-0	694550-93-1
	694550-95-3	694550-97-5	694550-99-7	694551-01-4	694551-03-6
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	694551-75-2	694551-76-3	694551-78-5	694551-79-6	694551-81-0
	694551-83-2	694551-84-3	694551-86-5	694551-87-6	694551-89-8
	694551-91-2	694551-93-4	694551-95-6	694551-97-8	694551-99-0
	694552-01-7	694552-02-8	694552-04-0	694552-05-1	694552-07-3
	694552-09-5	694552-10-8	694552-12-0	694552-14-2	694552-16-4
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	694552-34-6	694552-36-8	694552-38-0	694552-40-4	694552-42-6
	694552-43-7	694552-45-9	694552-46-0	694552-48-2	694552-50-6

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694552-60-8	694552-62-0	694552-63-1	694552-65-3	694552-67-5
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694552-94-8	694552-96-0	694552-98-2	694553-00-9	694553-02-1
694553-04-3	694553-06-5	694553-08-7	694553-09-8	694553-11-2
694553-13-4	694553-14-5	694553-16-7	694553-18-9	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT	694553-20-3	694553-22-5	694553-23-6	694553-25-8	694553-27-0
	694553-29-2	694553-31-6	694553-33-8	694553-35-0	694553-37-2
	694553-39-4	694553-41-8	694553-43-0	694553-44-1	694553-46-3
	694553-48-5	694553-50-9	694553-52-1	694553-54-3	694553-56-5
	694553-58-7	694553-60-1	694553-62-3	694553-64-5	694553-66-7
	694553-68-9	694553-69-0	694553-70-3	694553-72-5	694553-74-7
	694553-76-9	694553-78-1	694553-79-2	694553-81-6	694553-83-8
	694553-85-0	694553-86-1	694553-88-3	694553-89-4	694553-90-7
	694553-92-9	694553-94-1	694553-96-3	694553-98-5	694554-00-2
	694554-01-3	694554-03-5	694554-05-7	694554-06-8	694554-08-0
	694554-10-4	694554-12-6	694554-14-8	694554-16-0	694554-18-2
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	694554-29-5	694554-31-9	694554-33-1	694554-35-3	694554-36-4
	694554-38-6	694554-39-7	694554-41-1	694554-43-3	694554-44-4
	694554-46-6	694554-48-8	694554-50-2	694554-52-4	694554-54-6
	694554-56-8	694554-58-0	694554-60-4	694554-62-6	694554-64-8
	694554-66-0	694554-68-2	694554-70-6	694554-72-8	694554-74-0
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	694555-35-6	694555-37-8	694555-39-0	694555-41-4	694555-43-6
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	694555-65-2	694555-67-4	694555-69-6	694555-71-0	694555-73-2
	694555-75-4	694555-77-6	694555-79-8	694555-81-2	694555-83-4
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	694556-94-0	694556-96-2	694556-98-4	694557-00-1	694557-02-3
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	694557-44-3	694557-46-5	694557-48-7	694557-50-1	694557-52-3
	694557-54-5	694557-56-7	694557-58-9	694557-60-3	694557-62-5
	694557-64-7	694557-66-9	694557-68-1	694557-70-5	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT	694557-72-7	694557-74-9	694557-76-1	694557-78-3	694557-80-7
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694557-82-9 694557-84-1 694557-86-3 694557-88-5 694557-90-9
 694557-92-1 694557-94-3 694557-96-5 694557-98-7 694558-00-4
 694558-02-6 694558-04-8 694558-06-0 694558-08-2 694558-10-6
 694558-12-8 694558-14-0 694558-16-2 694558-18-4 694558-20-8
 694558-22-0 694558-24-2 694558-26-4 694558-28-6 694558-30-0
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 694558-51-5 694558-53-7 694558-55-9 694558-57-1 694558-59-3
 694558-61-7 694558-63-9 694558-65-1 694558-67-3 694558-69-5
 694558-71-9 694558-73-1 694558-75-3 694558-77-5 694558-79-7
 694558-81-1 694558-83-3 694558-85-5 694558-87-7 694558-88-8
 694558-90-2 694558-92-4 694558-94-6 694558-96-8 694558-97-9
 694558-99-1 694559-01-8 694559-03-0 694559-05-2 694559-07-4
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 694559-19-8 694559-21-2 694559-22-3 694559-24-5 694559-26-7
 694559-28-9 694559-29-0 694559-31-4 694559-33-6 694559-34-7
 694559-36-9 694559-38-1 694559-40-5 694559-42-7 694559-44-9
 694559-45-0 694559-47-2 694559-49-4 694559-51-8 694559-53-0
 694559-55-2 694559-57-4 694559-59-6 694559-61-0 694559-63-2
 694559-65-4 694559-66-5 694559-68-7 694559-69-8

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

IT 694536-72-6

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; differentially expressed genes and encoded proteins in differentiated macrophages that are useful for diagnosis and treatment of immune-related diseases)

RN 694536-72-6 HCAPLUS

CN Immune-related disease-associated protein PRO730 (human) (9CI) (CA INDEX NAME)

SEQ 1 MGQCGITSSK TVLVFLNLIF WGAAGILCYV GAYVFITYDD YDHFFEDVYT
 51 LIPAVVIIAV GALLFIIGLI GCCATIRESR CGLATFVIIL LLVFTVEVV
 101 VVLGYVYRAK VENEVDRSIQ KVKTYNGTN PDAASRAIDY VQRQLHCCGI
 151 HNYSDWENTD WFKETKNQSV PLSCCRETAS NCNGSLAHPD DLYAEGCEAL
 201 VVKKLQEIIM HVIWAALAF A IQLLGMLCA CIVLCRRSRD PAYELLITGG
 251 TYA

L9 ANSWER 6 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:392574 HCAPLUS

DN 140:405466

ED Entered STN: 14 May 2004

TI Differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases

IN Aggarwal, Sudeepa; Clark, Hilary; Gurney, Austin L.; Schoenfeld, Jill; Williams, P. Mickey; Wood, William I.; Wu, Thomas D.

PA Genentech, Inc., USA

SO PCT Int. Appl., 3009 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM C12N

CC 15-1 (Immunochimistry)

Section cross-reference(s): 1, 3, 6

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004039956	A2	20040513	WO 2003-US34381	20031028

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
 GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
 LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,
 OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
 TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2503330 AA 20040513 CA 2003-2503330 20031028
 PRAI US 2002-422472P P 20021029
 WO 2003-US34381 W 20031028

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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WO 2004039956	ICM	C12N
WO 2004039956	ECLA	C07K014/47

AB The present invention relates to compns. containing novel proteins and methods of using those compns. for the diagnosis and treatment of immune-related diseases. Various polypeptides of the present invention are significantly differentially expressed in isolated CD45RO cells activated by anti-CD3/anti-CD28 as compared to isolated resting CD45RO cells, isolated resting CD45RA cell, and isolated CD45RA cells activated by anti-CD3/anti-CD28 antibodies.

ST gene expression profile immune response activation CD45RO; antibody CD33 CD28 immune response gene expression; diagnosis immune disease gene expression profile; therapy immune disease gene expression profile

IT DNA microarray technology

Gene expression profiles, animal

(Affimax microarray chips; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT CD28 (antigen)

CD3 (antigen)

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(CD45RO cells activated by antibodies to; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Animal cell line

(CHO, recombinant expression host; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Nervous system, disease

(Guillain-Barre syndrome; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Intestine, disease

(Whipple's; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Allergy

Inflammation

Nose, disease

(allergic rhinitis; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Antibodies and Immunoglobulins

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(anti-CD3/anti-CD28; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Dermatitis

(atopic; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Anemia (disease)
 Autoimmune disease
 (autoimmune hemolytic anemia; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Skin, disease
 (autoimmune or immune-mediated; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Autoimmune disease
 (autoimmune thrombocytopenia; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Hepatitis
 (autoimmune; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Skin, disease
 (bullous; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Nervous system, disease
 (central, demyelination; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Epitopes
 (chimeric proteins; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Infection
 (chronic active hepatitis; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Nervous system, disease
 (chronic inflammatory demyelinating polyneuropathy; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Dermatitis
 (contact; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Allergy
 Anti-inflammatory agents
 Asthma
 Biliary tract, disease
 Celiac disease
 Diabetes mellitus
 Diagnosis
 Drug screening
 Drug targets
 Food allergy
 Human
 Immunoassay
 Immunomodulators
 Inflammation
 Molecular cloning
 Osteoarthritis
 Protein sequences
 Psoriasis
 Rheumatoid arthritis
 Sarcoidosis
 Sjogren's syndrome
 Transplant rejection
 Urticaria
 Vaccines
 cDNA sequences

- (differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT CD45RA (antigen)
- CD45RO (antigen)
- RL: BSU (Biological study, unclassified); BIOL (Biological study)
- (differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
- RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
- (differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Antisense nucleic acids
- RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
- (differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Platelet (blood)
- (disease, autoimmune thrombocytopenia; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Immunity
- (disorder; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
- (eosinophilia; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
- (fibrosis; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
- RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
- (fusion products; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Genetic methods
- (gene discovery; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Transplant and Transplantation
- (graft-vs.-host reaction; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Hepatitis
- (granulomatous; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
- RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
- (humanized; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Allergy
- Inflammation
- Lung, disease
- (hypersensitivity pneumonitis; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Nervous system, disease
- (idiopathic demyelinating polyneuropathy; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

- IT Muscle, disease
(idiopathic inflammatory myopathy; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Proteins
RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(immune response-regulated; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Kidney, disease
(immune-related; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Lung, disease
(immunol.; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Intestine, disease
(inflammatory; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Rheumatoid arthritis
(juvenile; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(monoclonal; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Erythema
(multiforme; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Nervous system, disease
(peripheral, demyelination; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Biliary tract, disease
(primary biliary cirrhosis; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Fibrosis
(pulmonary; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Escherichia coli
Yeast
(recombinant expression host; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Connective tissue, disease
(scleroderma; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Biliary tract, disease
Inflammation
(sclerosing cholangitis; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(single chain; differentially expressed nucleic acids and their encoded

proteins useful for the diagnosis and treatment of immune-related diseases)

IT Spinal column, disease
(spondyloarthropathy; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Lupus erythematosus
(systemic; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Inflammation
Thyroid gland, disease
(thyroiditis; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Disease, animal
(transplantation-associated; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Blood vessel, disease
Inflammation
(vasculitis; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Hepatitis
(viral, chronic active; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT Fusion proteins (chimeric proteins)
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(with epitope tags or Ig Fc regions; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT 221104-65-0 269745-28-0 588727-12-2 678990-33-5 678990-93-7
678990-99-3 688739-47-1 688739-48-2 688739-50-6 688739-51-7
688739-52-8 688739-53-9 688739-54-0 688739-55-1 688739-56-2
688739-57-3 688739-58-4 688739-59-5 688739-60-8 688739-61-9
688739-62-0 688739-63-1 688739-64-2 688739-65-3 688739-66-4
688739-67-5 688813-44-7 688813-46-9 688813-48-1 688813-50-5
688813-52-7 688813-54-9 688813-56-1 688813-58-3 688813-60-7
688813-62-9 688813-64-1 688813-66-3 688813-68-5 688813-70-9
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688814-02-0 688814-04-2 688814-06-4 688814-08-6 688814-10-0
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688814-32-6 688814-34-8 688814-36-0 688814-38-2 688814-40-6
688814-42-8 688814-44-0 688814-46-2 688814-48-4 688814-50-8
688814-52-0 688814-55-3 688814-57-5 688814-60-0 688814-62-2
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688815-15-8 688815-17-0 688815-19-2 688815-21-6 688815-23-8
688815-25-0 688815-27-2 688815-29-4 688815-30-7 688815-32-9
688815-34-1 688815-36-3 688815-38-5 688815-40-9 688815-42-1
688815-44-3 688815-46-5 688815-48-7 688815-50-1 688815-52-3
688815-54-5 688815-56-7 688815-58-9 688815-60-3 688815-62-5
688815-64-7 688815-66-9 688815-68-1 688815-70-5 688815-72-7
688815-74-9 688815-76-1 688815-78-3 688815-80-7 688815-82-9
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688815-95-4 688815-97-6 688815-99-8 688816-01-5 688816-03-7
688816-05-9 688816-07-1 688816-09-3 688816-11-7 688816-13-9

688816-15-1	688816-17-3	688816-19-5	688816-21-9	688816-23-1
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688816-56-0	688816-58-2	688816-60-6	688816-62-8	688816-64-0
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688816-76-4	688816-78-6	688816-80-0	688816-82-2	688816-84-4
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688816-96-8	688816-98-0	688817-00-7	688817-02-9	688817-04-1
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688817-36-9	688817-38-1	688817-40-5	688817-42-7	688817-44-9
688817-46-1	688817-48-3	688817-50-7	688817-52-9	688817-54-1
688817-56-3	688817-58-5	688817-60-9	688817-62-1	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT	688817-64-3	688817-66-5	688817-68-7	688817-70-1	688817-72-3
	688817-74-5	688817-76-7	688817-78-9	688817-80-3	688817-82-5
	688817-84-7	688817-86-9	688817-88-1	688817-90-5	688817-92-7
	688817-94-9	688817-96-1	688817-98-3	688818-00-0	688818-02-2
	688818-04-4	688818-06-6	688818-08-8	688818-10-2	688818-12-4
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	688818-44-2	688818-46-4	688818-48-6	688818-50-0	688818-52-2
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	688818-64-6	688818-66-8	688818-68-0	688818-70-4	688818-72-6
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	688819-25-2	688819-27-4	688819-29-6	688819-31-0	688819-33-2
	688819-35-4	688819-37-6	688819-39-8	688819-41-2	688819-43-4
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	688819-55-8	688819-57-0	688819-59-2	688819-61-6	688819-63-8
	688819-65-0	688819-67-2	688819-69-4	688819-71-8	688819-73-0
	688819-75-2	688819-77-4	688819-79-6	688819-81-0	688819-83-2
	688819-85-4	688819-87-6	688819-89-8	688819-91-2	688819-93-4
	688819-95-6	688819-97-8	688819-99-0	688820-01-1	688820-03-3
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	688820-75-9	688820-77-1	688820-79-3	688820-81-7	688820-83-9
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	688820-95-3	688820-97-5	688820-99-7	688821-01-4	688821-03-6
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	688821-25-2	688821-27-4	688821-29-6	688821-31-0	688821-33-2
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	688821-45-6	688821-47-8	688821-49-0	688821-51-4	688821-53-6
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	688821-75-2	688821-77-4	688821-79-6	688821-81-0	688821-83-2
	688821-85-4	688821-88-7	688821-90-1	688821-92-3	688821-94-5
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	688822-16-4	688822-18-6	688822-20-0	688822-22-2	688822-24-4

688822-26-6 688822-28-8 688822-30-2 688822-32-4
 RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP
 (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (amino acid sequence; differentially expressed nucleic acids and their
 encoded proteins useful for the diagnosis and treatment of
 immune-related diseases)

IT	688822-34-6	688822-36-8	688822-38-0	688822-40-4	688822-42-6
	688822-44-8	688822-46-0	688822-48-2	688822-50-6	688822-52-8
	688822-54-0	688822-56-2	688822-58-4	688822-60-8	688822-62-0
	688822-64-2	688822-65-3	688822-67-5	688822-69-7	688822-72-2
	688822-74-4	688822-76-6	688822-78-8	688822-80-2	688822-82-4
	688822-84-6	688822-87-9	688822-91-5	688822-94-8	688822-96-0
	688822-99-3	688823-01-0	688823-03-2	688823-05-4	688823-08-7
	688823-10-1	688823-12-3	688823-15-6	688823-17-8	688823-19-0
	688823-22-5	688823-24-7	688823-26-9	688823-31-6	688823-33-8
	688823-35-0	688823-37-2	688823-39-4	688823-41-8	688823-43-0
	688823-45-2	688823-47-4	688823-49-6	688823-54-3	688823-57-6
	688823-59-8	688823-61-2	688823-63-4	688823-65-6	688823-67-8
	688823-70-3	688823-72-5	688823-74-7	688823-77-0	688823-79-2
	688823-81-6	688823-83-8	688823-85-0	688823-87-2	688823-89-4
	688823-91-8	688823-93-0	688823-95-2	688823-97-4	688823-99-6
	688824-01-3	688824-03-5	688824-05-7	688824-07-9	688824-09-1
	688824-11-5	688824-13-7	688824-15-9	688824-17-1	688824-19-3
	688824-21-7	688824-24-0	688824-26-2	688824-28-4	688824-30-8
	688824-32-0	688824-34-2	688824-36-4	688824-39-7	688824-41-1
	688824-43-3	688824-46-6	688824-48-8	688824-51-3	688824-53-5
	688824-55-7	688824-58-0	688824-60-4	688824-64-8	
	688824-66-0	688824-68-2	688824-70-6	688824-72-8	688824-74-0
	688824-76-2	688824-78-4	688824-81-9	688824-83-1	688824-85-3
	688824-87-5	688824-89-7	688824-91-1	688824-93-3	688824-95-5
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	688825-17-4	688825-19-6	688825-21-0	688825-23-2	688825-25-4
	688825-27-6	688825-29-8	688825-31-2	688825-33-4	688825-35-6
	688825-37-8	688825-39-0	688825-41-4	688825-43-6	688825-45-8
	688825-47-0	688825-49-2	688825-51-6	688825-53-8	688825-55-0
	688825-57-2	688825-59-4	688825-61-8	688825-63-0	688825-65-2
	688825-67-4	688825-69-6	688825-71-0	688825-73-2	688825-75-4
	688825-77-6	688825-79-8	688825-81-2	688825-83-4	688825-85-6
	688825-87-8	688825-89-0	688825-91-4	688825-93-6	688825-95-8
	688825-97-0	688825-99-2	688826-01-9	688826-03-1	688826-05-3
	688826-07-5	688826-09-7	688826-11-1	688826-13-3	688826-15-5
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	688826-27-9	688826-29-1	688826-31-5	688826-33-7	688826-35-9
	688826-37-1	688826-39-3	688826-41-7	688826-43-9	688826-45-1
	688826-47-3	688826-49-5	688826-51-9	688826-53-1	688826-55-3
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	688826-67-7	688826-69-9	688826-71-3	688826-73-5	688826-75-7
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	688826-98-4	688827-00-1	688827-02-3	688827-04-5	688827-06-7
	688827-08-9	688827-10-3	688827-12-5	688827-14-7	688827-16-9
	688827-18-1	688827-20-5	688827-22-7	688827-24-9	688827-26-1

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP
 (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (amino acid sequence; differentially expressed nucleic acids and their
 encoded proteins useful for the diagnosis and treatment of
 immune-related diseases)

IT	688827-28-3	688827-30-7	688827-32-9	688827-34-1	688827-36-3
	688827-38-5	688827-40-9	688827-42-1	688827-44-3	688827-46-5
	688827-48-7	688827-51-2	688827-53-4	688827-55-6	688827-57-8
	688827-59-0	688827-61-4	688827-63-6	688827-65-8	688827-67-0
	688827-69-2	688827-71-6	688827-73-8	688827-75-0	688827-77-2
	688827-79-4	688827-81-8	688827-83-0	688827-85-2	688827-87-4
	688827-89-6	688827-91-0	688827-93-2	688827-95-4	688827-97-6
	688827-99-8	688828-01-5	688828-03-7	688828-05-9	688828-07-1

688828-09-3	688828-11-7	688828-13-9	688828-15-1	688828-17-3
688828-19-5	688828-21-9	688828-23-1	688828-25-3	688828-27-5
688828-29-7	688828-31-1	688828-33-3	688828-35-5	688828-37-7
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688828-59-3	688828-61-7	688828-63-9	688828-65-1	688828-67-3
688828-69-5	688828-71-9	688828-73-1	688828-75-3	688828-77-5
688828-79-7	688828-81-1	688828-83-3	688828-85-5	688828-87-7
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688829-15-4	688829-18-7	688829-21-2	688829-23-4	688829-26-7
688829-29-0	688829-31-4	688829-34-7	688829-37-0	688829-39-2
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688829-57-4	688829-59-6	688829-61-0	688829-63-2	688829-65-4
688829-67-6	688829-69-8	688829-72-3	688829-74-5	688829-77-8
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688829-89-2	688829-92-7	688829-94-9	688829-96-1	688830-01-5
688830-03-7	688830-05-9	688830-08-2	688830-10-6	688830-12-8
688830-14-0	688830-16-2	688830-18-4	688830-20-8	688830-22-0
688830-25-3	688830-28-6	688830-30-0	688830-32-2	688830-34-4
688830-37-7	688830-39-9	688830-41-3	688830-43-5	688830-46-8
688830-48-0	688830-50-4	688830-52-6	688830-54-8	688830-56-0
688830-58-2	688830-60-6	688830-64-0	688830-66-2	688830-68-4
688830-70-8	688830-73-1	688830-75-3	688830-77-5	688830-79-7
688830-81-1	688830-83-3	688830-85-5	688830-87-7	688830-89-9
688830-91-3	688830-93-5	688830-96-8	688830-99-1	688831-01-8
688831-03-0	688831-06-3	688831-09-6	688831-11-0	688831-13-2
688831-15-4	688831-17-6	688831-19-8	688831-21-2	688831-23-4
688831-25-6	688831-27-8	688831-29-0	688831-31-4	688831-33-6
688831-35-8	688831-37-0	688831-40-5	688831-42-7	688831-48-3
688831-51-8	688831-54-1	688831-56-3	688831-58-5	688831-61-0
688831-63-2	688831-65-4	688831-68-7	688831-72-3	688831-77-8
688831-79-0	688831-81-4	688831-83-6	688831-86-9	688831-88-1
688831-90-5	688831-92-7	688831-96-1	688831-99-4	688832-01-1
688832-04-4	688832-06-6	688832-09-9	688832-12-4	688832-14-6
688832-16-8	688832-19-1	688832-21-5	688832-23-7	688832-25-9
688832-27-1	688832-29-3	688832-32-8	688832-34-0	688832-36-2
688832-38-4	688832-40-8	688832-42-0	688832-44-2	688832-46-4
688832-48-6	688832-50-0	688832-52-2	688832-54-4	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT	688832-56-6	688832-58-8	688832-60-2	688832-62-4	688832-64-6
	688832-66-8	688832-68-0	688832-70-4	688832-72-6	688832-74-8
	688832-76-0	688832-78-2	688832-80-6	688832-82-8	688832-83-9
	688832-85-1	688832-87-3	688832-89-5	688832-91-9	688832-93-1
	688832-95-3	688832-97-5	688832-99-7	688833-01-4	688833-03-6
	688833-05-8	688833-07-0	688833-09-2	688833-11-6	688833-13-8
	688833-15-0	688833-17-2	688833-19-4	688833-21-8	688833-23-0
	688833-25-2	688833-27-4	688833-29-6	688833-31-0	688833-33-2
	688833-35-4	688833-37-6	688833-39-8	688833-41-2	688833-43-4
	688833-45-6	688833-47-8	688833-49-0	688833-51-4	688833-53-6
	688833-55-8	688833-57-0	688833-59-2	688833-61-6	688833-63-8
	688833-65-0	688833-67-2	688833-69-4	688833-71-8	688833-73-0
	688833-75-2	688833-77-4	688833-79-6	688833-81-0	688833-83-2
	688833-85-4	688833-87-6	688833-89-8	688833-91-2	688833-93-4
	688833-95-6	688833-97-8	688833-99-0	688834-01-7	688834-03-9
	688834-05-1	688834-07-3	688834-09-5	688834-11-9	688834-13-1
	688834-15-3	688834-17-5	688834-19-7	688834-21-1	688834-23-3
	688834-25-5	688834-27-7	688834-29-9	688834-31-3	688834-33-5
	688834-35-7	688834-37-9	688834-39-1	688834-41-5	688834-43-7
	688834-45-9	688834-48-2	688834-50-6	688834-52-8	688834-55-1
	688834-57-3	688834-60-8	688834-62-0	688834-64-2	688834-66-4
	688834-68-6	688834-70-0	688834-72-2	688834-75-5	688834-77-7

688834-79-9	688834-81-3	688834-83-5	688834-85-7	688834-88-0
688834-91-5	688834-93-7	688834-96-0	688834-98-2	688835-00-9
688835-02-1	688835-04-3	688835-06-5	688835-08-7	688835-10-1
688835-12-3	688835-14-5	688835-16-7	688835-18-9	688835-20-3
688835-22-5	688835-24-7	688835-26-9	688835-28-1	688835-30-5
688835-32-7	688835-34-9	688835-36-1	688835-38-3	688835-40-7
688835-42-9	688835-44-1	688835-46-3	688835-48-5	688835-50-9
688835-52-1	688835-54-3	688835-56-5	688835-58-7	688835-60-1
688835-62-3	688835-64-5	688835-66-7	688835-68-9	688835-70-3
688835-72-5	688835-74-7	688835-76-9	688835-78-1	688835-80-5
688835-82-7	688835-85-0	688835-87-2	688835-89-4	688835-91-8
688835-94-1	688835-96-3	688835-98-5	688836-00-2	688836-03-5
688836-05-7	688836-07-9	688836-09-1	688836-11-5	688836-13-7
688836-15-9	688836-17-1	688836-19-3	688836-21-7	688836-23-9
688836-25-1	688836-27-3	688836-29-5	688836-31-9	688836-33-1
688836-35-3	688836-37-5	688836-39-7	688836-41-1	688836-43-3
688836-45-5	688836-47-7	688836-49-9	688836-51-3	688836-53-5
688836-55-7	688836-57-9	688836-60-4	688836-62-6	688836-65-9
688836-68-2	688836-70-6	688836-73-9	688836-75-1	688836-78-4
688836-80-8	688836-84-2	688836-86-4	688836-90-0	688836-93-3
688836-96-6	688836-99-9	688837-01-6	688837-03-8	688837-05-0
688837-07-2	688837-11-8	688837-13-0	688837-15-2	688837-17-4
688837-19-6	688837-21-0	688837-23-2		

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT 688813-43-6	688813-45-8	688813-47-0	688813-49-2	688813-51-6
688813-53-8	688813-55-0	688813-57-2	688813-59-4	688813-61-8
688813-63-0	688813-65-2	688813-67-4	688813-69-6	688813-71-0
688813-73-2	688813-75-4	688813-77-6	688813-79-8	688813-81-2
688813-83-4	688813-85-6	688813-87-8	688813-89-0	688813-91-4
688813-93-6	688813-95-8	688813-97-0	688813-99-2	688814-01-9
688814-03-1	688814-05-3	688814-07-5	688814-09-7	688814-11-1
688814-13-3	688814-15-5	688814-17-7	688814-19-9	688814-21-3
688814-23-5	688814-25-7	688814-27-9	688814-29-1	688814-31-5
688814-33-7	688814-35-9	688814-37-1	688814-39-3	688814-41-7
688814-43-9	688814-45-1	688814-47-3	688814-49-5	688814-51-9
688814-53-1	688814-54-2	688814-56-4	688814-58-6	688814-59-7
688814-61-1	688814-63-3	688814-65-5	688814-67-7	688814-69-9
688814-71-3	688814-73-5	688814-75-7	688814-77-9	688814-78-0
688814-80-4	688814-82-6	688814-84-8	688814-86-0	688814-88-2
688814-90-6	688814-92-8	688814-94-0	688814-96-2	688814-98-4
688815-00-1	688815-02-3	688815-04-5	688815-06-7	688815-08-9
688815-10-3	688815-12-5	688815-14-7	688815-16-9	688815-18-1
688815-20-5	688815-22-7	688815-24-9	688815-26-1	688815-28-3
688815-31-8	688815-33-0	688815-35-2	688815-37-4	688815-39-6
688815-41-0	688815-43-2	688815-45-4	688815-47-6	688815-49-8
688815-51-2	688815-53-4	688815-55-6	688815-57-8	688815-59-0
688815-61-4	688815-63-6	688815-65-8	688815-67-0	688815-69-2
688815-71-6	688815-73-8	688815-75-0	688815-77-2	688815-79-4
688815-81-8	688815-83-0	688815-85-2	688815-87-4	688815-88-5
688815-90-9	688815-92-1	688815-94-3	688815-96-5	688815-98-7
688816-00-4	688816-02-6	688816-04-8	688816-06-0	688816-08-2
688816-10-6	688816-12-8	688816-14-0	688816-16-2	688816-18-4
688816-20-8	688816-22-0	688816-24-2	688816-26-4	688816-28-6
688816-30-0	688816-32-2	688816-34-4	688816-36-6	688816-38-8
688816-40-2	688816-42-4	688816-44-6	688816-45-7	688816-47-9
688816-49-1	688816-51-5	688816-53-7	688816-55-9	688816-57-1
688816-59-3	688816-61-7	688816-63-9	688816-65-1	688816-67-3
688816-69-5	688816-71-9	688816-73-1	688816-75-3	688816-77-5
688816-79-7	688816-81-1	688816-83-3	688816-85-5	688816-87-7
688816-89-9	688816-91-3	688816-93-5	688816-95-7	688816-97-9
688816-99-1	688817-01-8	688817-03-0	688817-05-2	688817-07-4
688817-09-6	688817-11-0	688817-13-2	688817-15-4	688817-17-6

688817-19-8	688817-21-2	688817-23-4	688817-25-6	688817-27-8
688817-29-0	688817-31-4	688817-33-6	688817-35-8	688817-37-0
688817-39-2	688817-41-6	688817-43-8	688817-45-0	688817-47-2
688817-49-4	688817-51-8	688817-53-0	688817-55-2	688817-57-4
688817-59-6	688817-61-0	688817-63-2	688817-65-4	688817-67-6
688817-69-8	688817-71-2	688817-73-4	688817-75-6	688817-77-8
688817-79-0	688817-81-4	688817-83-6	688817-85-8	688817-87-0
688817-89-2	688817-91-6	688817-93-8	688817-95-0	688817-97-2
688817-99-4	688818-01-1	688818-03-3	688818-05-5	

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IT	688818-07-7	688818-09-9	688818-11-3	688818-13-5	688818-15-7
	688818-17-9	688818-19-1	688818-21-5	688818-23-7	688818-25-9
	688818-27-1	688818-29-3	688818-31-7	688818-33-9	688818-35-1
	688818-37-3	688818-39-5	688818-41-9	688818-43-1	688818-45-3
	688818-47-5	688818-49-7	688818-51-1	688818-53-3	688818-55-5
	688818-57-7	688818-59-9	688818-61-3	688818-63-5	688818-65-7
	688818-67-9	688818-69-1	688818-71-5	688818-73-7	688818-75-9
	688818-77-1	688818-79-3	688818-81-7	688818-82-8	688818-84-0
	688818-86-2	688818-88-4	688818-90-8	688818-92-0	688818-94-2
	688818-96-4	688818-98-6	688819-00-3	688819-02-5	688819-04-7
	688819-06-9	688819-08-1	688819-10-5	688819-12-7	688819-14-9
	688819-16-1	688819-18-3	688819-20-7	688819-22-9	688819-24-1
	688819-26-3	688819-28-5	688819-30-9	688819-32-1	688819-34-3
	688819-36-5	688819-38-7	688819-40-1	688819-42-3	688819-44-5
	688819-46-7	688819-48-9	688819-50-3	688819-52-5	688819-54-7
	688819-56-9	688819-58-1	688819-60-5	688819-62-7	688819-64-9
	688819-66-1	688819-68-3	688819-70-7	688819-72-9	688819-74-1
	688819-76-3	688819-78-5	688819-80-9	688819-82-1	688819-84-3
	688819-86-5	688819-88-7	688819-90-1	688819-92-3	688819-94-5
	688819-96-7	688819-98-9	688820-00-0	688820-02-2	688820-04-4
	688820-06-6	688820-08-8	688820-10-2	688820-12-4	688820-14-6
	688820-16-8	688820-18-0	688820-20-4	688820-22-6	688820-24-8
	688820-26-0	688820-28-2	688820-30-6	688820-32-8	688820-34-0
	688820-36-2	688820-38-4	688820-40-8	688820-42-0	688820-44-2
	688820-46-4	688820-48-6	688820-50-0	688820-52-2	688820-54-4
	688820-56-6	688820-58-8	688820-60-2	688820-62-4	688820-64-6
	688820-66-8	688820-68-0	688820-70-4	688820-72-6	688820-74-8
	688820-76-0	688820-78-2	688820-80-6	688820-82-8	688820-84-0
	688820-86-2	688820-88-4	688820-90-8	688820-92-0	688820-94-2
	688820-96-4	688820-98-6	688821-00-3	688821-02-5	688821-04-7
	688821-06-9	688821-08-1	688821-10-5	688821-12-7	688821-14-9
	688821-16-1	688821-18-3	688821-20-7	688821-22-9	688821-24-1
	688821-26-3	688821-28-5	688821-30-9	688821-32-1	688821-34-3
	688821-36-5	688821-38-7	688821-40-1	688821-42-3	688821-44-5
	688821-46-7	688821-48-9	688821-50-3	688821-52-5	688821-54-7
	688821-56-9	688821-58-1	688821-60-5	688821-62-7	688821-64-9
	688821-66-1	688821-68-3	688821-70-7	688821-72-9	688821-74-1
	688821-76-3	688821-78-5	688821-80-9	688821-82-1	688821-84-3
	688821-86-5	688821-87-6	688821-89-8	688821-91-2	688821-93-4
	688821-95-6	688821-97-8	688821-99-0	688822-01-7	688822-03-9
	688822-05-1	688822-07-3	688822-09-5	688822-11-9	688822-13-1
	688822-15-3	688822-17-5	688822-19-7	688822-21-1	688822-23-3
	688822-25-5	688822-27-7	688822-29-9	688822-31-3	688822-33-5
	688822-35-7	688822-37-9	688822-39-1	688822-41-5	688822-43-7
	688822-45-9	688822-47-1	688822-49-3	688822-51-7	688822-53-9
	688822-55-1	688822-57-3	688822-59-5	688822-61-9	688822-63-1
	688822-66-4	688822-68-6	688822-70-0	688822-71-1	

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IT	688822-73-3	688822-75-5	688822-77-7	688822-79-9	688822-81-3
	688822-83-5	688822-85-7	688822-86-8	688822-88-0	688822-89-1
	688822-90-4	688822-92-6	688822-93-7	688822-95-9	688822-97-1
	688822-98-2	688823-00-9	688823-02-1	688823-04-3	688823-06-5
	688823-07-6	688823-09-8	688823-11-2	688823-13-4	688823-14-5
	688823-16-7	688823-18-9	688823-20-3	688823-21-4	688823-23-6
	688823-25-8	688823-27-0	688823-28-1	688823-29-2	688823-30-5
	688823-32-7	688823-34-9	688823-36-1	688823-38-3	688823-40-7
	688823-42-9	688823-44-1	688823-46-3	688823-48-5	688823-50-9
	688823-51-0	688823-52-1	688823-53-2	688823-55-4	688823-56-5
	688823-58-7	688823-60-1	688823-62-3	688823-64-5	688823-66-7
	688823-68-9	688823-69-0	688823-71-4	688823-73-6	688823-75-8
	688823-76-9	688823-78-1	688823-80-5	688823-82-7	688823-84-9
	688823-86-1	688823-88-3	688823-90-7	688823-92-9	688823-94-1
	688823-96-3	688823-98-5	688824-00-2	688824-02-4	688824-04-6
	688824-06-8	688824-08-0	688824-10-4	688824-12-6	688824-14-8
	688824-16-0	688824-18-2	688824-20-6	688824-22-8	688824-23-9
	688824-25-1	688824-27-3	688824-29-5	688824-31-9	688824-33-1
	688824-35-3	688824-37-5	688824-38-6	688824-40-0	688824-42-2
	688824-44-4	688824-45-5	688824-47-7	688824-49-9	688824-50-2
	688824-52-4	688824-54-6	688824-56-8	688824-57-9	688824-59-1
	688824-61-5	688824-62-6	688824-63-7	688824-65-9	688824-67-1
	688824-69-3	688824-71-7	688824-73-9	688824-75-1	688824-77-3
	688824-79-5	688824-80-8	688824-82-0	688824-84-2	688824-86-4
	688824-88-6	688824-90-0	688824-92-2	688824-94-4	688824-96-6
	688824-98-8	688825-00-5	688825-02-7	688825-04-9	688825-06-1
	688825-08-3	688825-10-7	688825-12-9	688825-14-1	688825-16-3
	688825-18-5	688825-20-9	688825-22-1	688825-24-3	688825-26-5
	688825-28-7	688825-30-1	688825-32-3	688825-34-5	688825-36-7
	688825-38-9	688825-40-3	688825-42-5	688825-44-7	688825-46-9
	688825-48-1	688825-50-5	688825-52-7	688825-54-9	688825-56-1
	688825-58-3	688825-60-7	688825-62-9	688825-64-1	688825-66-3
	688825-68-5	688825-70-9	688825-72-1	688825-74-3	688825-76-5
	688825-78-7	688825-80-1	688825-82-3	688825-84-5	688825-86-7
	688825-88-9	688825-90-3	688825-92-5	688825-94-7	688825-96-9
	688825-98-1	688826-00-8	688826-02-0	688826-04-2	688826-06-4
	688826-08-6	688826-10-0	688826-12-2	688826-14-4	688826-16-6
	688826-18-8	688826-20-2	688826-22-4	688826-24-6	688826-26-8
	688826-28-0	688826-30-4	688826-32-6	688826-34-8	688826-36-0
	688826-38-2	688826-40-6	688826-42-8	688826-44-0	688826-46-2
	688826-48-4	688826-50-8	688826-52-0	688826-54-2	688826-56-4
	688826-58-6	688826-60-0	688826-62-2	688826-64-4	688826-66-6
	688826-68-8	688826-70-2	688826-72-4	688826-74-6	688826-76-8
	688826-78-0	688826-80-4	688826-81-5	688826-83-7	688826-85-9
	688826-87-1	688826-89-3	688826-91-7	688826-93-9	688826-95-1
	688826-97-3	688826-99-5	688827-01-2	688827-03-4	688827-05-6
	688827-07-8	688827-09-0	688827-11-4	688827-13-6	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT	688827-15-8	688827-17-0	688827-19-2	688827-21-6	688827-23-8
	688827-25-0	688827-27-2	688827-29-4	688827-31-8	688827-33-0
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	688827-45-4	688827-47-6	688827-49-8	688827-50-1	688827-52-3
	688827-54-5	688827-56-7	688827-58-9	688827-60-3	688827-62-5
	688827-64-7	688827-66-9	688827-68-1	688827-70-5	688827-72-7
	688827-74-9	688827-76-1	688827-78-3	688827-80-7	688827-82-9
	688827-84-1	688827-86-3	688827-88-5	688827-90-9	688827-92-1
	688827-94-3	688827-96-5	688827-98-7	688828-00-4	688828-02-6
	688828-04-8	688828-06-0	688828-08-2	688828-10-6	688828-12-8
	688828-14-0	688828-16-2	688828-18-4	688828-20-8	688828-22-0
	688828-24-2	688828-26-4	688828-28-6	688828-30-0	688828-32-2
	688828-34-4	688828-36-6	688828-38-8	688828-40-2	688828-42-4
	688828-44-6	688828-46-8	688828-48-0	688828-50-4	688828-52-6

688828-54-8	688828-56-0	688828-58-2	688828-60-6	688828-62-8
688828-64-0	688828-66-2	688828-68-4	688828-70-8	688828-72-0
688828-74-2	688828-76-4	688828-78-6	688828-80-0	688828-82-2
688828-84-4	688828-86-6	688828-88-8	688828-89-9	688828-91-3
688828-92-4	688828-94-6	688828-95-7	688828-97-9	688828-98-0
688829-00-7	688829-02-9	688829-04-1	688829-05-2	688829-07-4
688829-09-6	688829-10-9	688829-12-1	688829-14-3	688829-16-5
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688829-49-4	688829-51-8	688829-52-9	688829-53-0	688829-54-1
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688829-66-5	688829-68-7	688829-70-1	688829-71-2	688829-73-4
688829-75-6	688829-76-7	688829-78-9	688829-80-3	688829-82-5
688829-84-7	688829-86-9	688829-88-1	688829-90-5	688829-91-6
688829-93-8	688829-95-0	688829-97-2	688829-98-3	688829-99-4
688830-00-4	688830-02-6	688830-04-8	688830-06-0	688830-07-1
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688830-72-0	688830-74-2	688830-76-4	688830-78-6	688830-80-0
688830-82-2	688830-84-4	688830-86-6	688830-88-8	688830-90-2
688830-92-4	688830-94-6	688830-95-7	688830-97-9	688830-98-0
688831-00-7	688831-02-9	688831-04-1	688831-05-2	688831-07-4
688831-08-5	688831-10-9	688831-12-1	688831-14-3	688831-16-5
688831-18-7	688831-20-1	688831-22-3	688831-24-5	688831-26-7
688831-28-9	688831-30-3	688831-32-5	688831-34-7	688831-36-9
688831-38-1	688831-39-2	688831-41-6	688831-43-8	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT 688831-44-9	688831-45-0	688831-46-1	688831-47-2	688831-49-4
688831-50-7	688831-52-9	688831-53-0	688831-55-2	688831-57-4
688831-59-6	688831-60-9	688831-62-1	688831-64-3	688831-66-5
688831-67-6	688831-69-8	688831-70-1	688831-71-2	688831-73-4
688831-74-5	688831-75-6	688831-76-7	688831-78-9	688831-80-3
688831-82-5	688831-84-7	688831-85-8	688831-87-0	688831-89-2
688831-91-6	688831-93-8	688831-94-9	688831-95-0	688831-97-2
688831-98-3	688832-00-0	688832-02-2	688832-03-3	688832-05-5
688832-07-7	688832-08-8	688832-10-2	688832-11-3	688832-13-5
688832-15-7	688832-17-9	688832-18-0	688832-20-4	688832-22-6
688832-24-8	688832-26-0	688832-28-2	688832-30-6	688832-31-7
688832-33-9	688832-35-1	688832-37-3	688832-39-5	688832-41-9
688832-43-1	688832-45-3	688832-47-5	688832-49-7	688832-51-1
688832-53-3	688832-55-5	688832-57-7	688832-59-9	688832-61-3
688832-63-5	688832-65-7	688832-67-9	688832-69-1	688832-71-5
688832-73-7	688832-75-9	688832-77-1	688832-79-3	688832-81-7
688832-84-0	688832-86-2	688832-88-4	688832-90-8	688832-92-0
688832-94-2	688832-96-4	688832-98-6	688833-00-3	688833-02-5
688833-04-7	688833-06-9	688833-08-1	688833-10-5	688833-12-7
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688833-64-9	688833-66-1	688833-68-3	688833-70-7	688833-72-9
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688833-84-3	688833-86-5	688833-88-7	688833-90-1	688833-92-3
688833-94-5	688833-96-7	688833-98-9	688834-00-6	688834-02-8

688834-04-0	688834-06-2	688834-08-4	688834-10-8	688834-12-0
688834-14-2	688834-16-4	688834-18-6	688834-20-0	688834-22-2
688834-24-4	688834-26-6	688834-28-8	688834-30-2	688834-32-4
688834-34-6	688834-36-8	688834-38-0	688834-40-4	688834-42-6
688834-44-8	688834-46-0	688834-47-1	688834-49-3	688834-51-7
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688834-61-9	688834-63-1	688834-65-3	688834-67-5	688834-69-7
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688834-97-1	688834-99-3	688835-01-0	688835-03-2	688835-05-4
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688835-37-2	688835-39-4	688835-41-8	688835-43-0	688835-45-2
688835-47-4	688835-49-6	688835-51-0	688835-53-2	688835-55-4
688835-57-6	688835-59-8	688835-61-2	688835-63-4	688835-65-6
688835-67-8	688835-69-0	688835-71-4	688835-73-6	688835-75-8
688835-77-0	688835-79-2	688835-81-6	688835-83-8	

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT	688835-84-9	688835-86-1	688835-88-3	688835-90-7	688835-92-9
	688835-93-0	688835-95-2	688835-97-4	688835-99-6	688836-01-3
	688836-02-4	688836-04-6	688836-06-8	688836-08-0	688836-10-4
	688836-12-6	688836-14-8	688836-16-0	688836-18-2	688836-20-6
	688836-22-8	688836-24-0	688836-26-2	688836-28-4	688836-30-8
	688836-32-0	688836-34-2	688836-36-4	688836-38-6	688836-40-0
	688836-42-2	688836-44-4	688836-46-6	688836-48-8	688836-50-2
	688836-52-4	688836-54-6	688836-56-8	688836-58-0	688836-59-1
	688836-61-5	688836-63-7	688836-64-8	688836-66-0	688836-67-1
	688836-69-3	688836-71-7	688836-72-8	688836-74-0	688836-76-2
	688836-77-3	688836-79-5	688836-81-9	688836-82-0	688836-83-1
	688836-85-3	688836-87-5	688836-88-6	688836-89-7	688836-91-1
	688836-92-2	688836-94-4	688836-95-5	688836-97-7	688836-98-8
	688837-00-5	688837-02-7	688837-04-9	688837-06-1	688837-08-3
	688837-09-4	688837-10-7	688837-12-9	688837-14-1	688837-16-3
	688837-18-5	688837-20-9	688837-22-1		

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (nucleotide sequence; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

IT 688824-60-4

RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (amino acid sequence; differentially expressed nucleic acids and their encoded proteins useful for the diagnosis and treatment of immune-related diseases)

RN 688824-60-4 HCAPLUS

CN Immune response-regulated protein (human clone WO2004039956-SEQID-1138) (9CI) (CA INDEX NAME)

SEQ 1 MGRSGKLPSPG VSAKLKRWKK GHSSDSNPAP CRHRQAARSR FFSRPSGRSD
51 LTVDAVKLHN ELQSGSLRLG KSEAPETPME EEAELVLTEK SSGTFLSGLS
101 DCTNVTFSKV QRFWESNSAA HKEICAVLAA VTEVIRSQGG KETETEFYFAA
151 LMTTMEAVES PESLAAYAYL LNLVLKRVPS PVLIKKFSDT SKAFMDIMSA
201 QASSGSTSVL RWVLSCLATL LRKQDLEAWG YPVTQLQVYHG LLSFTVHPKP
251 KIRKAAQHGCV CSVLKGSEFM FEKAPAHHPA AISTAKFCIQ EIEKSGGSKE
301 ATTTLHMLTL LKDLLPCFPE GLVKSCSETL LRVMTLSHVL VTACAMQAFH
351 SLFHARPGLS TLSAELNAQI ITALYDYVPS ENDLQPLLAW LKVMKHAHIN
401 LVRLQWDLGL GHLPRFFGTA VTCLLSPHSQ VLTAATQSLK EILKECVAPH
451 MADIGSVTSS ASGPAQSVAK MFRAVEEGLT YKFHAAWSSV LQLLCVFFEA

501 CGRQAHVPMR KCLQSLCDLR LSPHFPHTAA LDQAVGAAVT SMGPEVVLQA
 551 VPLEIDGSEE TLDFFPSWLL PVIRDHVQET RLGFFTTYFL PLANTLKSKA
 601 MDLAQAGSTV ESKIYDTLQW QMWTLLPGFC TRPTDVAISF KGLARTLGMA
 651 ISERPDLRVT VCQALRTLIT KGCQAEADRA EVSRFAKNFL PILFNLYGQP
 701 VAAGDTPAPR RAVLETIRTY LTITDTQLVN SLLEKASEKV LDPASSDFTR
 751 LSVLDLVVAL APCADEAAIS KLYSTIRPYL ESKAHGVQKK AYRVLEEVCA
 801 SPQGPALFV QSHLEDLKKT LLDSLSTSS PAKRPRLKCL LHIVRKLSAE
 851 HKEFITALIP EVILCTKEVS VGARKNAFAL LVEMGHAFRL FGSNQEEALQ
 901 CYLVLIYPGL VGAVTMVSCS ILALTHLLFE FKGLMGTSTV EQLLENVCLL
 951 LASRTRDVVK SALGFIKAVV TVMDVAHLAK HVQLVMEAIG KLSDDMRRHF
 1001 RMKLRNLFVK FIRKFGFELV KRLPEEYHR VLVNIRKAEA RAKRHRALSQ
 1051 AAVEEEEEEE EEEPAQKGK DSIEEILADS EDEEDNEEEE RSRGKEQRKL
 1101 ARQRSRAWLK EGGGDEPLNF LDPKVAQRVL ATQPGPGRGR KKDHSFKVSA
 1151 DGRLLIREEA DGNKMEEEEG AKGEDEEMAD PMEDVIIRNK KHQKLKHQKE
 1201 AEEEELEIPP QYQAGSGSIH RPKVAKKAMP AEYKAKKAKG DVKKKGRPDP
 1251 YAYIPLNRSK LNRKKMKLQ GQFKGLVKAA RRGSVGHKN RRKDRRP

L9 ANSWER 7 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:372929 HCAPLUS
 DN 140:395489
 ED Entered STN: 07 May 2004
 TI Sequences of blood-coagulation factor VIIa-binding peptides
 IN Lazarus, Robert A.; Maun, Henry R.
 PA Genentech, Inc., USA
 SO U.S. Pat. Appl. Publ., 102 pp.
 CODEN: USXXCO

DT Patent
 LA English

IC ICM A61K038-10
 ICS C07K007-08

INCL 530326000; 514014000

CC 63-3 (Pharmaceuticals)

Section cross-reference(s): 3, 6

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004087767	A1	20040506	US 2003-356257	20030130
PRAI	US 2002-355420P	P	20020206		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004087767	ICM	A61K038-10
	ICS	C07K007-08
	INCL	530326000; 514014000
US 2004087767	NCL	530/326.000
	ECLA	C07K001/04C; C07K007/08A

AB This invention provides sequences of 6 blood-coagulation factor VIIa-binding peptides. This invention provides novel compds. which prevent or block a FVIIa mediated or associated process or event such as the catalytic conversion of FX to FXa, FVII to FVIIa or FIX to FIXa. In particular aspects, the compds. of the invention bind Factor VIIa (FVIIa), its zymogen Factor VII (FVII). The invention also provides pharmaceutical compns. comprising the novel compds. as well as their use in diagnostic, therapeutic, and prophylactic methods.

ST sequence blood coagulation factor VIIa binding peptide anticoagulant human
 IT Anticoagulants

Human

Protein sequences

(sequences of blood-coagulation factor VIIa-binding peptides)

IT Peptides, biological studies

RL: BPN (Biosynthetic preparation); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(sequences of blood-coagulation factor VIIa-binding peptides)

IT 358740-54-2P 685512-19-0P 685513-39-7P 685513-40-0P
 685513-41-1P 685513-42-2P
 RL: BPN (Biosynthetic preparation); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (factor VIIa-binding anticoagulant peptide sequence; sequences of blood-coagulation factor VIIa-binding peptides)

IT 9001-25-6, Blood-coagulation factor VII 9035-58-9, Blood-coagulation factor III 65312-43-8, Factor VIIa
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (sequences of blood-coagulation factor VIIa-binding peptides)

IT 325722-42-7 503855-23-0 685510-35-4 685510-36-5
 685510-37-6 685510-38-7 685510-39-8
 685510-40-1 685510-41-2 685510-42-3
 685510-43-4 685510-44-5 685510-45-6
 685510-46-7 685510-47-8 685510-48-9
 685510-49-0 685510-50-3 685510-51-4
 685510-52-5 685510-53-6 685510-54-7
 685510-55-8 685510-56-9 685510-57-0
 685510-58-1 685510-59-2 685510-60-5
 685510-61-6 685510-62-7 685510-63-8
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 685510-70-7 685510-71-8 685510-72-9
 685510-73-0 685510-74-1 685510-75-2 685510-76-3 685510-77-4
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 RL: PRP (Properties)
 (unclaimed sequence; sequences of blood-coagulation factor VIIa-binding peptides)

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RL: PRP (Properties)

(unclaimed sequence; sequences of blood-coagulation factor VIIa-binding peptides)

IT 358740-54-2P

RL: BPN (Biosynthetic preparation); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(factor VIIa-binding anticoagulant peptide sequence; sequences of blood-coagulation factor VIIa-binding peptides)

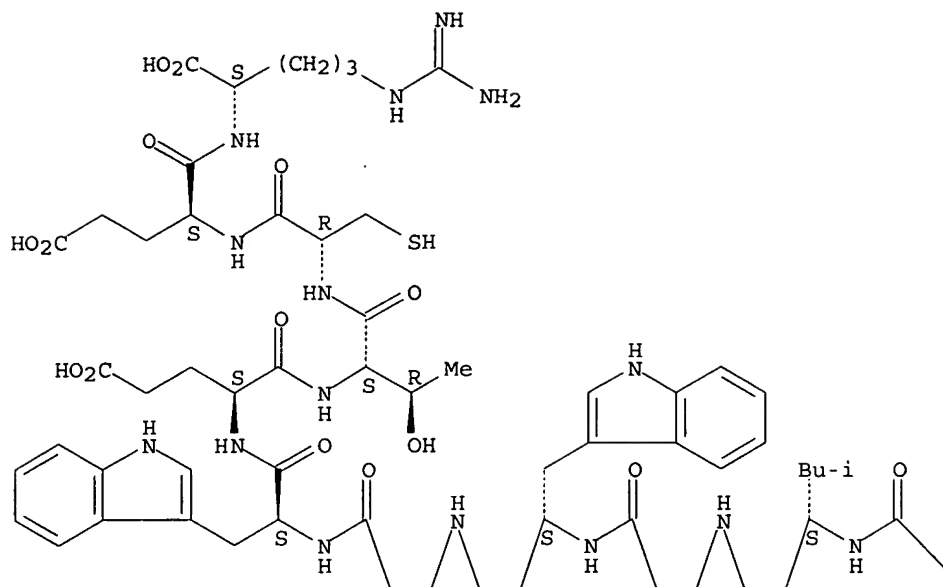
RN 358740-54-2 HCAPLUS

CN L-Arginine, L- α -glutamyl-L- α -glutamyl-L-tryptophyl-L- α -glutamyl-L-valyl-L-leucyl-L-cysteinyl-L-tryptophyl-L-threonyl-L-tryptophyl-L- α -glutamyl-L-threonyl-L-cysteinyl-L- α -glutamyl- (9CI) (CA INDEX NAME)

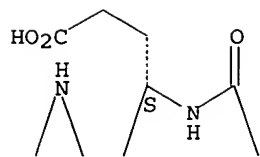
SEQ 1 EEWEVLCWTW ETCER

Absolute stereochemistry.

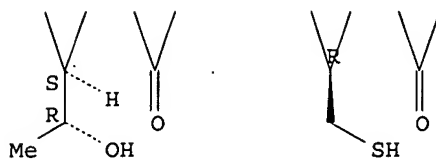
PAGE 1-A



PAGE 1-B



PAGE 2-A



The chemical structure of the inhibitor 1 is shown. It features a benzimidazole ring system. A thioether linkage (-S-) connects the benzimidazole to a side chain. The side chain includes a carboxylic acid group (-COOH) and a thioether linkage (-S-) that connects to a chiral center. This chiral center is also bonded to a hydrogen atom (H) and a carboxylic acid group (-COOH). The structure is labeled with 'i-Pr' and 'O'.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004030615	A2	20040415	WO 2003-XA28547	20030929
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	WO 2004030615	A2	20040415	WO 2003-US28547	20030929
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	US 2002-414971P	P	20021002		
	WO 2003-US28547	A	20030929		

Search done by Noble Jarrell

- AB The present invention provides a large number of specific cDNA sequences which are upregulated in certain tumor tissues as compared to their normal tissue counterparts and therefore useful for the diagnosis and treatment of tumor in mammals. An expressed sequence tag (EST) DNA database was searched and interesting EST sequences identified by GEPIS (gene expression profiling in silico), a bioinformatics tool that characterizes genes of interest for new cancer therapeutic targets. Using this type of screening bioinformatics, various tumor-associated antigenic target (TAT) proteins (and their encoding nucleic acid mols). were identified as being significantly overexpressed in particular type of cancer or certain cancers as compared to other cancers and/or normal non-cancerous tissues.
- ST tumor assocd antigen protein cDNA sequence human; diagnosis tumor assocd antigen cDNA human; therapy tumor assocd antigen cDNA human; gene expression profile tumor assocd antigen human
- IT Animal cell line
(CHO, recombinant expression host; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT Gene expression profiles, animal
(EST database and microarrays; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT PCR (polymerase chain reaction)
(RT-PCR (reverse transcription-PCR), diagnostic detection of expression levels; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT Diagnosis
(cancer; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT Nervous system, neoplasm
(central; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT Uterus, neoplasm
(cervix; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT Intestine, neoplasm
(colorectal; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT Antibiotics
Cytotoxic agents
(conjugates with antibodies or tumor-associated antigens; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT Radionuclides, biological studies
Toxins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(conjugates with antibodies or tumor-associated antigens; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT Growth inhibitors, animal
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(conjugates with antibodies or tumor-associated antigens; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(conjugates; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)
- IT Antitumor agents
Bladder, neoplasm
Drug targets
Human
Leukemia
Liver, neoplasm

Lung, neoplasm
 Mammary gland, neoplasm
 Melanoma
 Molecular cloning
 Neoplasm
 Ovary, neoplasm
 Pancreas, neoplasm
 Protein sequences
 Tumor markers
 cDNA sequences
 (differentially expressed nucleic acids and their encoded proteins and
 their uses for the diagnosis and treatment of tumor)
 IT Tumor antigens
 Tumor antigens
 cDNA
 RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study,
 unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic
 use); ANST (Analytical study); BIOL (Biological study); PREP
 (Preparation); USES (Uses)
 (differentially expressed nucleic acids and their encoded proteins and
 their uses for the diagnosis and treatment of tumor)
 IT Antibodies and Immunoglobulins
 Antisense oligonucleotides
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
 USES (Uses)
 (differentially expressed nucleic acids and their encoded proteins and
 their uses for the diagnosis and treatment of tumor)
 IT Cell proliferation
 (disorders; differentially expressed nucleic acids and their encoded
 proteins and their uses for the diagnosis and treatment of tumor)
 IT Protein motifs
 (extracellular domain; differentially expressed nucleic acids and their
 encoded proteins and their uses for the diagnosis and treatment of
 tumor)
 IT Antibodies and Immunoglobulins
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
 USES (Uses)
 (fragments; differentially expressed nucleic acids and their encoded
 proteins and their uses for the diagnosis and treatment of tumor)
 IT Antibodies and Immunoglobulins
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
 USES (Uses)
 (humanized; differentially expressed nucleic acids and their encoded
 proteins and their uses for the diagnosis and treatment of tumor)
 IT Immunoassay
 (immunoblotting, diagnostic detection of expression levels;
 differentially expressed nucleic acids and their encoded proteins and
 their uses for the diagnosis and treatment of tumor)
 IT Drug delivery systems
 (immunoconjugates; differentially expressed nucleic acids and their
 encoded proteins and their uses for the diagnosis and treatment of
 tumor)
 IT Immunoassay
 (immunohistochem., diagnostic detection of expression levels;
 differentially expressed nucleic acids and their encoded proteins and
 their uses for the diagnosis and treatment of tumor)
 IT Nucleic acid hybridization
 (in situ, diagnostic detection of expression levels; differentially
 expressed nucleic acids and their encoded proteins and their uses for
 the diagnosis and treatment of tumor)
 IT Antibodies and Immunoglobulins
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
 USES (Uses)
 (labeled; differentially expressed nucleic acids and their encoded
 proteins and their uses for the diagnosis and treatment of tumor)
 IT Antibodies and Immunoglobulins

RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(monoclonal; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT Peptides, biological studies

RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(oligopeptides; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT Escherichia coli

Eubacteria

Yeast

(recombinant expression host; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT Proteins

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(tumor-associated; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

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 PRO124 (human) 680884-71-3P 680884-75-7P 680884-77-9P 680884-79-1P
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 RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study,
 unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic
 use); ANST (Analytical study); BIOL (Biological study); PREP
 (Preparation); USES (Uses)

(amino acid sequence; differentially expressed nucleic acids and their
 encoded proteins and their uses for the diagnosis and treatment of
 tumor)

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 680892-48-2P 680892-50-6P, Tumor-associated antigen PRO1869 (human)
 680892-52-8P 680892-54-0P 680892-56-2P 680892-60-8P 680892-63-1P
 680892-68-6P 680892-70-0P 680892-75-5P 680892-77-7P 680892-80-2P
 680892-82-4P 680892-84-6P 680892-86-8P 680892-88-0P 680892-93-7P
 680892-95-9P 680892-97-1P 680893-02-1P 680893-04-3P 680893-06-5P
 680893-11-2P 680893-13-4P 680893-15-6P 680893-18-9P 680893-20-3P
 680893-23-6P 680893-26-9P 680893-30-5P 680893-34-9P 680893-36-1P,
 Tumor-associated antigen PRO2871 (human) 680893-39-4P 681037-83-2P
 681037-86-5P 681037-88-7P 681037-90-1P 681037-92-3P 681037-94-5P
 681037-96-7P 681038-00-6P 681038-02-8P 681038-05-1P 681038-07-3P
 681038-09-5P 681038-15-3P 681038-17-5P 681038-20-0P 681038-22-2P
 681038-26-6P 681038-28-8P, Tumor-associated antigen PRO2066 (human)
 681038-30-2P 681038-32-4P 681038-35-7P 681038-37-9P 681038-39-1P
 681038-41-5P 681038-43-7P, Tumor-associated antigen PRO4904 (human)

681038-45-9P, Tumor-associated antigen PRO2054 (human) 681038-49-3P
 681038-55-1P 681038-57-3P 681038-59-5P 681038-62-0P 681038-64-2P
 681038-66-4P 681038-68-6P 681038-72-2P 681038-75-5P 681038-78-8P
 681038-81-3P 681038-83-5P 681038-86-8P 681038-88-0P 681038-90-4P,
 Tumor-associated antigen PRO4836 (human) 681038-92-6P 681038-96-0P
 681039-05-4P 681039-07-6P 681039-10-1P 681039-16-7P 681039-19-0P
 681039-21-4P 681039-23-6P 681039-25-8P 681039-28-1P 681039-30-5P
 681039-32-7P 681039-34-9P 681039-37-2P 681039-41-8P 681039-43-0P
 681039-45-2P 681039-48-5P 681039-50-9P 681039-52-1P 681039-54-3P,
 Tumor-associated antigen PRO2732 (human) 681039-56-5P 681039-58-7P,
 Tumor-associated antigen PRO4379 (human) 681039-60-1P 681039-62-3P
 681039-64-5P 681039-67-8P 681039-69-0P 681039-71-4P 681039-73-6P
 681039-75-8P 681039-77-0P 681039-80-5P
 RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study,
 unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic
 use); ANST (Analytical study); BIOL (Biological study); PREP
 (Preparation); USES (Uses)

(amino acid sequence; differentially expressed nucleic acids and their
 encoded proteins and their uses for the diagnosis and treatment of
 tumor)

IT 681039-83-8P 681039-85-0P 681039-88-3P 681039-91-8P 681039-94-1P
 681039-96-3P 681039-98-5P, Tumor-associated antigen PRO2720 (human)
 681040-02-8P 681040-04-0P 681040-06-2P 681040-08-4P 681040-10-8P
 681040-12-0P 681040-14-2P 681040-17-5P 681040-19-7P 681040-22-2P
 681040-26-6P 681040-28-8P 681040-32-4P 681040-34-6P 681040-37-9P
 681040-39-1P 681040-41-5P 681040-43-7P 681040-45-9P 681040-47-1P
 681040-50-6P 681040-53-9P, Tumor-associated antigen PRO730
 (human) 681040-55-1P 681040-59-5P 681040-63-1P 681040-67-5P
 681040-70-0P 681040-73-3P 681040-76-6P 681040-78-8P 681190-56-7P
 681190-58-9P 681190-61-4P 681190-63-6P 681190-68-1P 681190-71-6P
 681190-73-8P 681190-76-1P 681190-79-4P 681190-83-0P 681190-85-2P
 681190-87-4P 681190-91-0P 681190-94-3P 681190-96-5P 681190-98-7P
 681191-00-4P 681191-02-6P 681191-04-8P 681191-06-0P 681191-10-6P,
 Tumor-associated antigen PRO3629 (human) 681191-13-9P 681191-15-1P
 681191-17-3P 681191-19-5P 681191-21-9P 681191-23-1P 681191-25-3P
 681191-27-5P 681191-29-7P 681191-31-1P 681191-33-3P 681191-35-5P
 681191-37-7P 681191-39-9P 681191-41-3P 681191-43-5P 681191-45-7P
 681191-47-9P 681191-50-4P 681191-52-6P 681191-54-8P 681191-56-0P
 681191-58-2P 681191-60-6P 681191-62-8P, Tumor-associated antigen
 PRO303 (human) 681191-65-1P 681191-68-4P 681191-70-8P 681191-72-0P
 681191-75-3P, Tumor-associated antigen PRO3640 (human) 681191-77-5P
 681191-81-1P 681191-85-5P 681191-90-2P 681191-92-4P 681191-94-6P
 681191-96-8P 681191-98-0P 681192-00-7P 681192-03-0P 681192-05-2P
 681192-08-5P 681192-10-9P 681192-12-1P 681192-17-6P 681192-19-8P
 681192-22-3P 681192-24-5P 681192-25-6P 681192-27-8P 681192-29-0P
 681192-33-6P 681192-38-1P 681192-40-5P 681192-44-9P 681192-46-1P
 681192-48-3P 681192-51-8P 681192-53-0P 681192-55-2P 681192-58-5P
 681192-60-9P 681192-62-1P 681192-64-3P, Tumor-associated antigen
 PRO2355 (human) 681192-67-6P 681192-69-8P 681192-71-2P
 681192-73-4P 681192-75-6P 681192-77-8P 681192-81-4P 681192-83-6P
 681192-85-8P 681192-88-1P 681192-92-7P 681192-94-9P 681192-98-3P
 681193-00-0P 681193-02-2P, Tumor-associated antigen PRO2672 (human)
 681193-04-4P 681193-06-6P 681193-09-9P 681193-11-3P 681193-15-7P
 681193-17-9P 681193-19-1P 681193-21-5P 681193-24-8P 681193-26-0P
 681193-28-2P 681193-30-6P 681193-32-8P, Tumor-associated antigen
 PRO2719 (human) 681193-34-0P, Tumor-associated antigen PRO4814 (human)
 681193-37-3P 681193-39-5P 681193-41-9P 681193-43-1P 681193-45-3P
 681193-47-5P 681193-50-0P 681193-53-3P 681193-55-5P 681193-57-7P
 681193-59-9P 681193-61-3P 681193-63-5P 681193-65-7P 681193-67-9P
 681193-70-4P 681193-72-6P 681193-75-9P 681193-77-1P 681193-79-3P
 681193-81-7P 681193-83-9P 681193-86-2P 681193-90-8P,
 Tumor-associated antigen PRO2198 (human) 681193-94-2P 681194-00-3P
 681194-03-6P 681194-06-9P 681194-08-1P 681194-11-6P 681194-13-8P
 681194-15-0P 681194-17-2P 681194-19-4P 681194-21-8P 681194-24-1P
 681194-27-4P 681194-29-6P 681194-31-0P 681194-33-2P 681194-35-4P
 681194-37-6P 681194-39-8P, Tumor-associated antigen PRO3647 (human)

681194-41-2P 681194-43-4P 681194-49-0P 681194-51-4P 681194-53-6P
 681194-55-8P 681194-59-2P, Tumor-associated antigen PRO4729 (human)
 681194-61-6P 681194-65-0P 681194-67-2P 681194-70-7P 681194-72-9P
 681194-76-3P 681194-79-6P 681194-81-0P 681194-83-2P 681194-86-5P
 681194-88-7P 681194-90-1P 681194-93-4P 681194-96-7P 681194-98-9P
 681195-03-9P 681195-06-2P 681195-09-5P 681195-12-0P 681195-14-2P
 681195-16-4P 681195-20-0P 681195-22-2P 681195-24-4P 681195-26-6P
 681195-29-9P 681195-31-3P 681195-33-5P 681195-35-7P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT 681195-37-9P 681195-40-4P 681195-42-6P 681195-44-8P 681195-46-0P, Tumor-associated antigen PRO1204 (human) 681195-48-2P, Tumor-associated antigen PRO4738 (human) 681195-51-7P 681195-53-9P 681195-55-1P
 681195-57-3P 681195-60-8P 681195-62-0P 681195-64-2P 681195-66-4P
 681195-70-0P 681195-72-2P 681195-77-7P 681195-80-2P 681195-82-4P
 681195-84-6P 681195-86-8P 681195-88-0P 681195-91-5P 681195-93-7P
 681195-95-9P, Tumor-associated antigen PRO2769 (human) 681195-97-1P
 681196-00-9P 681196-02-1P 681196-04-3P 681196-07-6P 681196-09-8P
 681196-11-2P 681196-15-6P 681196-17-8P 681196-19-0P 681196-21-4P
 681196-23-6P 681196-25-8P 681196-27-0P 681196-31-6P 681196-33-8P
 681196-35-0P 681196-37-2P, Tumor-associated antigen PRO3637 (human)
 681196-39-4P 681196-41-8P 681196-43-0P 681196-45-2P 681196-48-5P
 681196-50-9P 681196-53-2P, Tumor-associated antigen PRO2839 (human)
 681196-56-5P 681196-58-7P 681196-61-2P 681196-63-4P 681196-67-8P, Tumor-associated antigen PRO302 (human) 681196-69-0P 681196-71-4P
 681196-74-7P 681196-77-0P 681196-79-2P 681196-81-6P 681196-83-8P
 681196-86-1P 681196-89-4P 681196-96-3P 681196-98-5P 681197-01-3P
 681197-03-5P 681197-05-7P 681197-08-0P 681197-10-4P
 681197-13-7P, Tumor-associated antigen PRO2788 (human)
 681197-15-9P 681197-17-1P 681197-19-3P 681197-21-7P 681197-23-9P
 681197-25-1P 681197-28-4P 681197-30-8P 681197-32-0P 681197-35-3P, Tumor-associated antigen PRO7143 (human) 681197-39-7P 681197-42-2P
 681197-46-6P 681197-52-4P 681197-54-6P 681197-56-8P 681197-58-0P
 681197-61-5P 681197-64-8P 681197-66-0P 681197-73-9P 681197-78-4P
 681197-82-0P 681197-84-2P 681197-87-5P 681197-90-0P, Tumor-associated antigen PRO2799 (human) 681197-93-3P 681197-96-6P
 681198-00-5P, Tumor-associated antigen PRO2267 (human) 681198-02-7P
 681198-06-1P 681198-08-3P 681198-10-7P 681198-12-9P 681198-17-4P
 681198-19-6P 681198-22-1P 681198-26-5P 681198-28-7P 681198-30-1P
 681198-34-5P 681198-36-7P 681198-40-3P 681198-43-6P, Tumor-associated antigen PRO1077 (human) 681198-45-8P, Tumor-associated antigen PRO2560 (human) 681198-48-1P 681320-89-8P 681320-91-2P
 681320-93-4P 681320-95-6P 681320-99-0P 681321-04-0P 681321-06-2P
 681321-09-5P 681321-11-9P 681321-13-1P 681321-15-3P 681321-17-5P
 681321-21-1P 681321-24-4P 681321-27-7P 681321-30-2P 681321-32-4P
 681321-35-7P 681321-37-9P 681321-39-1P 681321-41-5P 681321-44-8P
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 681321-73-3P 681321-75-5P 681321-77-7P 681321-79-9P 681321-81-3P
 681321-86-8P 681321-88-0P 681321-90-4P 681321-92-6P 681321-95-9P
 681321-97-1P, Tumor-associated antigen PRO201 (human) 681321-99-3P
 681322-03-2P 681322-05-4P, Tumor-associated antigen PRO224 (human)
 681322-08-7P 681322-12-3P 681322-16-7P 681322-19-0P 681322-21-4P
 681322-23-6P 681322-26-9P 681322-30-5P 681322-33-8P 681322-37-2P
 681322-39-4P 681322-41-8P 681322-43-0P 681322-47-4P 681322-51-0P
 681322-53-2P 681322-56-5P 681322-59-8P 681322-61-2P, Tumor-associated antigen PRO4650 (human) 681322-63-4P 681322-66-7P
 681322-68-9P 681322-70-3P, Tumor-associated antigen PRO2718 (human)
 681322-72-5P 681322-75-8P 681322-77-0P 681322-79-2P 681322-81-6P
 681322-84-9P 681322-87-2P 681322-89-4P 681322-92-9P 681322-94-1P
 681322-97-4P 681323-01-3P 681323-03-5P 681323-06-8P 681323-08-0P

681323-10-4P 681323-12-6P 681323-15-9P 681323-17-1P 681323-21-7P
 681323-23-9P 681323-28-4P 681323-30-8P 681323-32-0P 681323-34-2P
 681323-36-4P 681323-39-7P 681323-41-1P 681323-44-4P 681323-47-7P
 681323-49-9P 681323-51-3P 681323-53-5P 681323-56-8P 681323-61-5P
 681323-63-7P 681323-65-9P 681323-69-3P 681323-74-0P 681323-76-2P
 681323-78-4P 681323-80-8P 681323-82-0P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT 681323-85-3P 681323-88-6P 681323-90-0P 681323-93-3P 681323-95-5P
 681323-97-7P 681323-99-9P 681324-01-6P 681324-03-8P 681324-06-1P
 681324-08-3P 681324-10-7P 681324-13-0P 681324-15-2P 681324-17-4P
 681324-19-6P 681324-21-0P 681324-23-2P 681324-28-7P 681324-35-6P
 681324-38-9P 681324-41-4P 681324-43-6P 681324-45-8P 681324-50-5P
 681324-53-8P 681324-55-0P 681324-57-2P 681324-59-4P 681324-61-8P
 681324-63-0P 681324-65-2P 681324-67-4P 681324-76-5P 681324-79-8P
 681324-83-4P 681324-85-6P 681324-88-9P 681324-90-3P 681324-92-5P
 681324-94-7P 681324-97-0P, Tumor-associated antigen PRO2644 (human)
 681324-99-2P 681325-01-9P 681325-03-1P 681325-05-3P 681325-09-7P
 681325-11-1P 681325-18-8P 681325-20-2P 681325-23-5P 681325-25-7P
 681325-28-0P 681325-30-4P 681325-32-6P 681325-36-0P 681325-38-2P
 681325-40-6P 681325-42-8P 681325-44-0P 681325-46-2P 681325-48-4P
 681325-50-8P 681325-52-0P 681325-54-2P 681325-57-5P 681325-60-0P
 681325-62-2P, Tumor-associated antigen PRO4569 (human) 681325-64-4P
 681325-66-6P 681325-68-8P 681325-70-2P 681325-72-4P 681325-74-6P
 681325-76-8P, Tumor-associated antigen PRO2109 (human) 681325-79-1P
 681325-81-5P 681325-84-8P 681325-86-0P 681325-89-3P 681325-91-7P
 681325-94-0P 681325-96-2P 681325-99-5P 681326-01-2P 681326-03-4P
 681326-05-6P 681326-07-8P 681326-09-0P 681326-11-4P 681326-13-6P
 681326-15-8P 681326-17-0P 681326-19-2P 681326-22-7P 681326-24-9P
 681326-26-1P 681326-28-3P 681326-30-7P 681326-34-1P 681326-36-3P
 681326-38-5P 681326-40-9P 681326-42-1P 681326-44-3P 681326-47-6P
 681326-49-8P 681326-51-2P 681326-54-5P 681326-57-8P 681326-62-5P
 681326-65-8P, Tumor-associated antigen PRO2615 (human) 681326-67-0P
 681326-69-2P 681326-71-6P 681326-75-0P 681326-77-2P 681326-79-4P
 681326-82-9P 681326-84-1P 681456-06-4P 681516-71-2P 681516-73-4P
 681516-76-7P 681516-78-9P 681516-80-3P 681516-83-6P 681516-85-8P
 681516-87-0P 681516-89-2P 681516-91-6P 681516-93-8P 681516-95-0P
 681516-99-4P 681517-01-1P 681517-04-4P, Tumor-associated antigen
 PRO3645 (human) 681517-06-6P 681517-08-8P 681517-10-2P
 681517-12-4P 681517-15-7P 681517-17-9P 681517-20-4P 681517-22-6P
 681517-24-8P 681517-27-1P 681517-30-6P 681517-33-9P 681517-36-2P
 681517-39-5P 681517-41-9P 681517-44-2P, Tumor-associated antigen
 PRO4852 (human) 681517-46-4P 681517-49-7P, Tumor-associated antigen
 PRO2065 (human) 681517-51-1P, Tumor-associated antigen PRO1720 (human)
 681517-53-3P 681517-55-5P 681517-57-7P 681517-59-9P,
 Tumor-associated antigen PRO2420 (human) 681517-61-3P, Tumor-associated
 antigen PRO2711 (human) 681517-66-8P 681517-68-0P 681517-70-4P
 681517-72-6P 681517-74-8P 681517-76-0P 681517-79-3P 681517-81-7P
 681517-84-0P 681517-86-2P 681517-89-5P 681517-91-9P 681517-94-2P,
 Tumor-associated antigen PRO983 (human) 681517-96-4P 681517-98-6P
 681518-00-3P 681518-02-5P 681518-04-7P 681518-06-9P 681518-08-1P
 681518-10-5P 681518-12-7P 681518-14-9P, Tumor-associated antigen
 PRO4813 (human) 681518-17-2P 681518-19-4P 681518-21-8P
 681518-23-0P 681518-25-2P 681518-28-5P 681518-30-9P 681518-32-1P
 681518-34-3P 681518-36-5P 681518-38-7P 681518-40-1P 681518-42-3P
 681518-48-9P 681518-50-3P 681518-52-5P 681518-54-7P 681518-56-9P
 681518-59-2P 681518-61-6P 681518-63-8P 681518-65-0P 681518-67-2P
 681518-69-4P 681518-72-9P 681518-74-1P 681518-77-4P 681518-80-9P
 681518-84-3P 681518-86-5P 681518-88-7P 681518-90-1P 681519-00-6P
 681519-02-8P 681519-04-0P 681519-06-2P 681519-08-4P 681519-10-8P
 681519-12-0P 681519-16-4P 681519-20-0P 681519-23-3P 681519-25-5P

681519-27-7P 681519-30-2P 681519-34-6P 681519-38-0P
 RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT 681519-40-4P 681519-42-6P 681519-44-8P 681519-46-0P 681519-48-2P
 681519-50-6P 681519-52-8P 681519-56-2P 681519-58-4P 681519-60-8P
 681519-63-1P, Tumor-associated antigen PRO4789 (human) 681519-65-3P
 681519-68-6P 681519-70-0P 681519-72-2P 681519-74-4P 681519-76-6P
 681519-78-8P 681519-80-2P 681519-84-6P 681519-86-8P 681519-89-1P
 681519-91-5P 681519-94-8P 681519-96-0P 681519-98-2P 681520-01-4P
 681520-03-6P 681520-05-8P 681520-07-0P 681520-09-2P 681520-12-7P
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 681520-25-2P 681520-27-4P 681520-30-9P 681520-35-4P 681520-37-6P
 681520-39-8P, Tumor-associated antigen PRO4586 (human) 681520-41-2P
 681520-44-5P 681520-46-7P 681520-48-9P 681520-50-3P,
 Tumor-associated antigen PRO4872 (human) 681520-52-5P 681520-54-7P
 681520-60-5P 681520-64-9P 681520-66-1P 681520-68-3P 681520-70-7P
 681520-73-0P 681520-75-2P 681520-78-5P 681520-80-9P 681520-83-2P
 681520-85-4P 681520-88-7P 681520-93-4P, Tumor-associated antigen
 PRO2373 (human) 681520-95-6P 681520-97-8P 681521-01-7P
 681521-03-9P 681521-05-1P 681521-07-3P 681521-09-5P 681521-12-0P
 681521-16-4P 681521-18-6P 681521-22-2P 681521-24-4P 681521-28-8P
 681521-30-2P 681521-32-4P 681521-34-6P 681521-36-8P 681521-39-1P
 681521-43-7P 681521-46-0P 681521-48-2P 681521-50-6P 681521-52-8P
 681521-54-0P 681521-56-2P 681521-59-5P 681521-61-9P 681521-63-1P
 681521-66-4P 681521-68-6P 681521-70-0P 681521-73-3P 681521-76-6P
 681521-79-9P 681521-81-3P 681521-83-5P 681521-85-7P 681521-87-9P
 681521-89-1P 681521-91-5P 681521-93-7P 681521-99-3P 681522-02-1P
 681522-04-3P 681522-08-7P 681522-11-2P 681522-13-4P 681522-15-6P
 681522-17-8P 681522-20-3P 681522-22-5P 681522-26-9P 681522-28-1P
 681522-30-5P 681522-32-7P 681522-34-9P 681522-39-4P,
 Tumor-associated antigen PRO2537 (human) 681522-41-8P 681522-45-2P
 681522-47-4P 681522-51-0P 681522-54-3P 681522-56-5P 681522-58-7P
 681522-60-1P 681522-62-3P 681522-64-5P 681522-66-7P 681522-69-0P
 681522-71-4P 681522-73-6P 681522-75-8P 681522-77-0P 681522-80-5P
 681522-82-7P 681522-84-9P 681522-86-1P 681522-89-4P 681522-91-8P
 681522-94-1P 681522-98-5P 681523-00-2P 681523-02-4P 681523-04-6P
 681523-06-8P 681523-08-0P 681523-10-4P 681523-12-6P,
 Tumor-associated antigen PRO4885 (human) 681523-14-8P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT 9026-81-7D, Nuclease, conjugates with antibodies or tumor-associated antigens
 35846-53-8D, Maytansine, compds., conjugates with antibodies or
 tumor-associated antigens 113440-58-7D, Calicheamicin, conjugates with
 antibodies or tumor-associated antigens
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);
 USES (Uses)

(differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT 680883-51-6P 680883-53-8P 680883-55-0P 680883-57-2P 680883-59-4P
 680883-61-8P 680883-62-9P 680883-64-1P 680883-65-2P 680883-66-3P
 680883-68-5P 680883-69-6P 680883-71-0P 680883-73-2P 680883-75-4P
 680883-77-6P 680883-78-7P 680883-80-1P 680883-82-3P 680883-84-5P
 680883-86-7P 680883-88-9P 680883-90-3P 680883-91-4P 680883-93-6P
 680883-94-7P 680883-96-9P 680883-98-1P 680884-00-8P 680884-02-0P
 680884-04-2P 680884-06-4P 680884-07-5P 680884-08-6P 680884-10-0P
 680884-12-2P 680884-14-4P 680884-15-5P 680884-17-7P 680884-19-9P

680884-21-3P	680884-22-4P	680884-23-5P	680884-24-6P	680884-26-8P
680884-28-0P	680884-30-4P	680884-32-6P	680884-34-8P	680884-36-0P
680884-37-1P	680884-39-3P	680884-41-7P	680884-43-9P	680884-45-1P
680884-47-3P	680884-49-5P	680884-51-9P	680884-52-0P	680884-54-2P
680884-55-3P	680884-57-5P	680884-59-7P	680884-61-1P	680884-63-3P
680884-65-5P	680884-67-7P	680884-68-8P	680884-70-2P	680884-72-4P
680884-73-5P	680884-74-6P	680884-76-8P	680884-78-0P	680884-80-4P
680884-82-6P	680884-83-7P	680884-84-8P	680884-86-0P	680884-88-2P
680884-89-3P	680884-91-7P	680884-93-9P	680884-95-1P	680884-96-2P
680884-98-4P	680884-99-5P	680885-00-1P	680885-02-3P	680885-04-5P
680885-06-7P	680885-08-9P	680885-10-3P	680885-12-5P	680885-14-7P
680885-16-9P	680885-17-0P	680885-18-1P	680885-20-5P	680885-22-7P
680885-24-9P	680885-25-0P	680885-27-2P	680885-29-4P	680885-30-7P
680885-31-8P	680885-32-9P	680885-34-1P	680885-35-2P	680885-37-4P
680885-39-6P	680885-40-9P	680885-41-0P	680885-42-1P	680885-43-2P
680885-44-3P	680885-46-5P	680885-48-7P	680885-49-8P	680885-51-2P
680885-53-4P	680885-55-6P	680885-57-8P	680885-59-0P	680885-61-4P
680885-62-5P	680885-64-7P	680885-65-8P	680885-67-0P	680885-69-2P
680885-70-5P	680885-71-6P	680885-72-7P	680885-74-9P	680885-75-0P
680885-77-2P	680885-79-4P	680885-81-8P	680885-83-0P	680885-85-2P
680885-87-4P	680885-89-6P	680885-91-0P	680885-92-1P	680885-94-3P
680885-95-4P	680885-96-5P	680885-98-7P	680886-00-4P	680886-02-6P
680886-03-7P	680886-05-9P	680886-06-0P	680886-07-1P	680886-09-3P
680886-10-6P	680886-12-8P	680886-14-0P	680886-15-1P	680886-16-2P
680886-17-3P	680886-19-5P	680886-21-9P	680886-22-0P	680886-24-2P
680886-25-3P	680886-27-5P	680886-29-7P	680886-30-0P	680886-32-2P
680886-33-3P	680886-34-4P	680886-35-5P	680886-37-7P	680886-39-9P
680886-40-2P	680886-41-3P	680886-43-5P	680886-45-7P	680886-47-9P
680886-49-1P	680886-50-4P	680886-52-6P	680886-54-8P	680886-56-0P
680886-57-1P	680886-59-3P	680886-61-7P	680886-62-8P	680886-64-0P
680886-66-2P	680886-68-4P	680886-70-8P	680886-71-9P	680886-72-0P
680886-74-2P	680886-75-3P	680886-77-5P	680886-79-7P	680886-81-1P
680886-82-2P	680886-83-3P	680886-85-5P	680886-87-7P	680886-88-8P
680886-90-2P	680886-92-4P	680886-94-6P	680886-95-7P	680886-96-8P
680886-98-0P	680886-99-1P	680887-01-8P	680887-03-0P	680887-04-1P
680887-05-2P	680887-07-4P	680887-09-6P	680887-10-9P	680887-11-0P
680887-12-1P	680887-13-2P	680887-15-4P	680887-17-6P	680887-19-8P
680887-20-1P	680887-22-3P	680887-24-5P	680887-26-7P	680887-28-9P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT	680887-30-3P	680887-32-5P	680887-34-7P	680887-36-9P	680887-38-1P
	680887-40-5P	680887-41-6P	680887-43-8P	680887-44-9P	680887-45-0P
	680887-46-1P	680887-47-2P	680887-49-4P	680887-50-7P	680887-52-9P
	680887-53-0P	680887-55-2P	680887-57-4P	680887-59-6P	680887-60-9P
	680887-61-0P	680887-63-2P	680887-64-3P	680887-66-5P	680887-68-7P
	680887-70-1P	680887-72-3P	680887-73-4P	680887-74-5P	680887-75-6P
	680887-76-7P	680887-78-9P	680887-80-3P	680887-81-4P	680887-82-5P
	680887-84-7P	680887-86-9P	680887-87-0P	680887-89-2P	680887-91-6P
	680887-93-8P	680887-95-0P	680887-96-1P	680887-97-2P	680887-99-4P
	680888-00-0P	680888-02-2P	680888-03-3P	680888-05-5P	680888-07-7P
	680888-08-8P	680888-10-2P	680888-11-3P	680888-13-5P	680888-15-7P
	680888-17-9P	680888-18-0P	680888-20-4P	680888-21-5P	680888-23-7P
	680888-25-9P	680888-27-1P	680888-28-2P	680888-30-6P	680888-31-7P
	680888-33-9P	680888-34-0P	680888-36-2P	680888-38-4P	680888-39-5P
	680888-40-8P	680888-41-9P	680888-43-1P	680888-45-3P	680888-46-4P
	680888-48-6P	680888-49-7P	680888-51-1P	680888-52-2P	680888-54-4P
	680888-56-6P	680888-58-8P	680888-60-2P	680888-62-4P	680888-64-6P
	680888-65-7P	680888-67-9P	680888-69-1P	680888-71-5P	680888-73-7P
	680888-74-8P	680888-76-0P	680888-77-1P	680888-78-2P	680888-80-6P
	680888-81-7P	680888-83-9P	680888-84-0P	680888-85-1P	680888-87-3P
	680888-88-4P	680888-90-8P	680888-91-9P	680888-93-1P	680888-95-3P

680888-97-5P	680888-99-7P	680889-00-3P	680889-02-5P	680889-04-7P
680889-05-8P	680889-06-9P	680889-07-0P	680889-09-2P	680889-11-6P
680889-13-8P	680889-15-0P	680889-16-1P	680889-17-2P	680889-21-8P
680889-23-0P	680889-24-1P	680889-25-2P	680889-26-3P	680889-27-4P
680889-28-5P	680889-29-6P	680889-30-9P	680889-31-0P	680889-33-2P
680889-35-4P	680889-36-5P	680889-38-7P	680889-40-1P	680889-41-2P
680889-43-4P	680889-44-5P	680889-45-6P	680889-47-8P	680889-49-0P
680889-51-4P	680889-53-6P	680889-55-8P	680889-57-0P	680889-59-2P
680889-61-6P	680889-63-8P	680889-65-0P	680889-67-2P	680889-69-4P
680889-71-8P	680889-73-0P	680889-75-2P	680889-76-3P	680889-78-5P
680889-79-6P	680889-80-9P	680889-81-0P	680889-83-2P	680889-85-4P
680889-86-5P	680889-87-6P	680889-88-7P	680889-90-1P	680889-91-2P
680889-93-4P	680889-95-6P	680889-97-8P	680889-99-0P	680890-00-0P
680890-02-2P	680890-03-3P	680890-04-4P	680890-06-6P	680890-07-7P
680890-09-9P	680890-11-3P	680890-13-5P	680890-15-7P	680890-16-8P
680890-18-0P	680890-20-4P	680890-22-6P	680890-24-8P	680890-25-9P
680890-27-1P	680890-29-3P	680890-31-7P	680890-33-9P	680890-35-1P
680890-37-3P	680890-39-5P	680890-41-9P	680890-43-1P	680890-44-2P
680890-46-4P	680890-48-6P	680890-49-7P	680890-51-1P	680890-52-2P
680890-54-4P	680890-56-6P	680890-58-8P	680890-59-9P	680890-61-3P
680890-63-5P	680890-64-6P	680890-66-8P	680890-68-0P	680890-70-4P
680890-71-5P	680890-73-7P	680890-75-9P	680890-76-0P	680890-78-2P
680890-80-6P	680890-81-7P	680890-83-9P	680890-84-0P	680890-86-2P
680890-88-4P	680890-90-8P	680890-92-0P	680890-94-2P	680890-96-4P
680890-98-6P	680890-99-7P	680891-01-4P	680891-03-6P	680891-04-7P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT	680891-06-9P	680891-08-1P	680891-09-2P	680891-10-5P	680891-12-7P
	680891-14-9P	680891-15-0P	680891-16-1P	680891-17-2P	680891-18-3P
	680891-20-7P	680891-22-9P	680891-24-1P	680891-26-3P	680891-28-5P
	680891-30-9P	680891-31-0P	680891-33-2P	680891-35-4P	680891-37-6P
	680891-39-8P	680891-40-1P	680891-41-2P	680891-43-4P	680891-45-6P
	680891-47-8P	680891-48-9P	680891-50-3P	680891-52-5P	680891-53-6P
	680891-55-8P	680891-57-0P	680891-59-2P	680891-61-6P	680891-62-7P
	680891-63-8P	680891-65-0P	680891-67-2P	680891-68-3P	680891-69-4P
	680891-71-8P	680891-72-9P	680891-74-1P	680891-75-2P	680891-76-3P
	680891-77-4P	680891-78-5P	680891-80-9P	680891-82-1P	680891-84-3P
	680891-86-5P	680891-88-7P	680891-90-1P	680891-92-3P	680891-94-5P
	680891-96-7P	680891-97-8P	680891-98-9P	680892-00-6P	680892-02-8P
	680892-03-9P	680892-05-1P	680892-07-3P	680892-09-5P	680892-10-8P
	680892-11-9P	680892-13-1P	680892-15-3P	680892-17-5P	680892-18-6P
	680892-19-7P	680892-21-1P	680892-22-2P	680892-24-4P	680892-25-5P
	680892-27-7P	680892-28-8P	680892-30-2P	680892-32-4P	680892-34-6P
	680892-36-8P	680892-37-9P	680892-39-1P	680892-41-5P	680892-43-7P
	680892-44-8P	680892-45-9P	680892-47-1P	680892-49-3P	680892-51-7P
	680892-53-9P	680892-55-1P	680892-57-3P	680892-58-4P	680892-59-5P
	680892-61-9P	680892-62-0P	680892-64-2P	680892-65-3P	680892-66-4P
	680892-67-5P	680892-69-7P	680892-71-1P	680892-72-2P	680892-73-3P
	680892-74-4P	680892-76-6P	680892-78-8P	680892-79-9P	680892-81-3P
	680892-83-5P	680892-85-7P	680892-87-9P	680892-89-1P	680892-90-4P
	680892-91-5P	680892-92-6P	680892-94-8P	680892-96-0P	680892-98-2P
	680892-99-3P	680893-00-9P	680893-01-0P	680893-03-2P	680893-05-4P
	680893-07-6P	680893-08-7P	680893-09-8P	680893-10-1P	680893-12-3P
	680893-14-5P	680893-16-7P	680893-17-8P	680893-19-0P	680893-21-4P
	680893-22-5P	680893-24-7P	680893-25-8P	680893-27-0P	680893-28-1P
	680893-29-2P	680893-31-6P	680893-32-7P	680893-33-8P	680893-35-0P
	680893-37-2P	680893-38-3P	680893-40-7P	681037-81-0P	681037-82-1P
	681037-84-3P	681037-85-4P	681037-87-6P	681037-89-8P	681037-91-2P
	681037-93-4P	681037-95-6P	681037-97-8P	681037-98-9P	681037-99-0P
	681038-01-7P	681038-03-9P	681038-04-0P	681038-06-2P	681038-08-4P
	681038-10-8P	681038-11-9P	681038-12-0P	681038-13-1P	681038-14-2P

681038-16-4P	681038-18-6P	681038-19-7P	681038-21-1P	681038-23-3P
681038-24-4P	681038-25-5P	681038-27-7P	681038-29-9P	681038-31-3P
681038-33-5P	681038-34-6P	681038-36-8P	681038-38-0P	681038-40-4P
681038-42-6P	681038-44-8P	681038-46-0P	681038-47-1P	681038-48-2P
681038-50-6P	681038-51-7P	681038-52-8P	681038-53-9P	681038-54-0P
681038-56-2P	681038-58-4P	681038-60-8P	681038-61-9P	681038-63-1P
681038-65-3P	681038-67-5P	681038-69-7P	681038-70-0P	681038-71-1P
681038-73-3P	681038-74-4P	681038-76-6P	681038-77-7P	681038-79-9P
681038-80-2P	681038-82-4P	681038-84-6P	681038-85-7P	681038-87-9P
681038-89-1P	681038-91-5P	681038-93-7P	681038-94-8P	681038-95-9P
681038-97-1P	681038-98-2P	681038-99-3P	681039-00-9P	681039-01-0P
681039-02-1P	681039-03-2P	681039-04-3P	681039-06-5P	681039-08-7P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT 681039-09-8P	681039-11-2P	681039-12-3P	681039-13-4P	681039-14-5P
681039-15-6P	681039-17-8P	681039-18-9P	681039-20-3P	681039-22-5P
681039-24-7P	681039-26-9P	681039-27-0P	681039-29-2P	681039-31-6P
681039-33-8P	681039-35-0P	681039-36-1P	681039-38-3P	681039-39-4P
681039-40-7P	681039-42-9P	681039-44-1P	681039-46-3P	681039-47-4P
681039-49-6P	681039-51-0P	681039-53-2P	681039-55-4P	681039-57-6P
681039-59-8P	681039-61-2P	681039-63-4P	681039-65-6P	681039-66-7P
681039-68-9P	681039-70-3P	681039-72-5P	681039-74-7P	681039-76-9P
681039-78-1P	681039-79-2P	681039-81-6P	681039-82-7P	681039-84-9P
681039-86-1P	681039-87-2P	681039-89-4P	681039-90-7P	681039-92-9P
681039-93-0P	681039-95-2P	681039-97-4P	681039-99-6P	681040-00-6P
681040-01-7P	681040-03-9P	681040-05-1P	681040-07-3P	681040-09-5P
681040-11-9P	681040-13-1P	681040-15-3P	681040-16-4P	681040-18-6P
681040-20-0P	681040-21-1P	681040-23-3P	681040-24-4P	681040-25-5P
681040-27-7P	681040-29-9P	681040-30-2P	681040-31-3P	681040-33-5P
681040-35-7P	681040-36-8P	681040-38-0P	681040-40-4P	681040-42-6P
681040-44-8P	681040-46-0P	681040-48-2P	681040-49-3P	681040-51-7P
681040-52-8P	681040-54-0P	681040-56-2P	681040-57-3P	681040-58-4P
681040-60-8P	681040-61-9P	681040-62-0P	681040-64-2P	681040-65-3P
681040-66-4P	681040-68-6P	681040-69-7P	681040-71-1P	681040-72-2P
681040-74-4P	681040-75-5P	681040-77-7P	681040-79-9P	681190-57-8P
681190-59-0P	681190-60-3P	681190-62-5P	681190-64-7P	681190-65-8P
681190-66-9P	681190-67-0P	681190-69-2P	681190-70-5P	681190-72-7P
681190-74-9P	681190-75-0P	681190-77-2P	681190-78-3P	681190-80-7P
681190-81-8P	681190-82-9P	681190-84-1P	681190-86-3P	681190-88-5P
681190-89-6P	681190-90-9P	681190-92-1P	681190-93-2P	681190-95-4P
681190-97-6P	681190-99-8P	681191-01-5P	681191-03-7P	681191-05-9P
681191-07-1P	681191-08-2P	681191-09-3P	681191-11-7P	681191-12-8P
681191-14-0P	681191-16-2P	681191-18-4P	681191-20-8P	681191-22-0P
681191-24-2P	681191-26-4P	681191-28-6P	681191-30-0P	681191-32-2P
681191-34-4P	681191-36-6P	681191-38-8P	681191-40-2P	681191-42-4P
681191-44-6P	681191-46-8P	681191-48-0P	681191-49-1P	681191-51-5P
681191-53-7P	681191-55-9P	681191-57-1P	681191-59-3P	681191-61-7P
681191-63-9P	681191-64-0P	681191-66-2P	681191-67-3P	681191-69-5P
681191-71-9P	681191-73-1P	681191-74-2P	681191-76-4P	681191-78-6P
681191-79-7P	681191-80-0P	681191-82-2P	681191-83-3P	681191-84-4P
681191-86-6P	681191-87-7P	681191-88-8P	681191-89-9P	681191-91-3P
681191-93-5P	681191-95-7P	681191-97-9P	681191-99-1P	681192-01-8P
681192-02-9P	681192-04-1P	681192-06-3P	681192-07-4P	681192-09-6P
681192-11-0P	681192-13-2P	681192-14-3P	681192-15-4P	681192-16-5P
681192-18-7P	681192-20-1P	681192-21-2P	681192-23-4P	681192-26-7P
681192-28-9P	681192-30-3P	681192-31-4P	681192-32-5P	681192-34-7P
681192-35-8P	681192-36-9P	681192-37-0P	681192-39-2P	681192-41-6P
681192-42-7P	681192-43-8P	681192-45-0P	681192-47-2P	681192-49-4P
681192-50-7P	681192-52-9P	681192-54-1P	681192-56-3P	681192-57-4P
681192-59-6P	681192-61-0P	681192-63-2P	681192-65-4P	681192-66-5P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study,

unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT	681192-68-7P	681192-70-1P	681192-72-3P	681192-74-5P	681192-76-7P
	681192-78-9P	681192-79-0P	681192-80-3P	681192-82-5P	681192-84-7P
	681192-86-9P	681192-87-0P	681192-89-2P	681192-90-5P	681192-91-6P
	681192-93-8P	681192-95-0P	681192-96-1P	681192-97-2P	681192-99-4P
	681193-01-1P	681193-03-3P	681193-05-5P	681193-07-7P	681193-08-8P
	681193-10-2P	681193-12-4P	681193-13-5P	681193-14-6P	681193-16-8P
	681193-18-0P	681193-20-4P	681193-22-6P	681193-23-7P	681193-25-9P
	681193-27-1P	681193-29-3P	681193-31-7P	681193-33-9P	681193-35-1P
	681193-36-2P	681193-38-4P	681193-40-8P	681193-42-0P	681193-44-2P
	681193-46-4P	681193-48-6P	681193-49-7P	681193-51-1P	681193-52-2P
	681193-54-4P	681193-56-6P	681193-58-8P	681193-60-2P	681193-62-4P
	681193-64-6P	681193-66-8P	681193-68-0P	681193-69-1P	681193-71-5P
	681193-73-7P	681193-74-8P	681193-76-0P	681193-78-2P	681193-80-6P
	681193-82-8P	681193-84-0P	681193-85-1P	681193-87-3P	681193-88-4P
	681193-89-5P	681193-91-9P	681193-92-0P	681193-93-1P	681193-95-3P
	681193-96-4P	681193-97-5P	681193-98-6P	681193-99-7P	681194-01-4P
	681194-02-5P	681194-04-7P	681194-05-8P	681194-07-0P	681194-09-2P
	681194-10-5P	681194-12-7P	681194-14-9P	681194-16-1P	681194-18-3P
	681194-20-7P	681194-22-9P	681194-23-0P	681194-25-2P	681194-26-3P
	681194-28-5P	681194-30-9P	681194-32-1P	681194-34-3P	681194-36-5P
	681194-38-7P	681194-40-1P	681194-42-3P	681194-44-5P	681194-45-6P
	681194-46-7P	681194-47-8P	681194-48-9P	681194-50-3P	681194-52-5P
	681194-54-7P	681194-56-9P	681194-57-0P	681194-58-1P	681194-60-5P
	681194-62-7P	681194-63-8P	681194-64-9P	681194-66-1P	681194-68-3P
	681194-69-4P	681194-71-8P	681194-73-0P	681194-74-1P	681194-75-2P
	681194-77-4P	681194-78-5P	681194-80-9P	681194-82-1P	681194-84-3P
	681194-85-4P	681194-87-6P	681194-89-8P	681194-91-2P	681194-92-3P
	681194-94-5P	681194-95-6P	681194-97-8P	681194-99-0P	681195-00-6P
	681195-01-7P	681195-02-8P	681195-04-0P	681195-05-1P	681195-07-3P
	681195-08-4P	681195-10-8P	681195-11-9P	681195-13-1P	681195-15-3P
	681195-17-5P	681195-18-6P	681195-19-7P	681195-21-1P	681195-23-3P
	681195-25-5P	681195-27-7P	681195-28-8P	681195-30-2P	681195-32-4P
	681195-34-6P	681195-36-8P	681195-38-0P	681195-39-1P	681195-41-5P
	681195-43-7P	681195-45-9P	681195-47-1P	681195-49-3P	681195-50-6P
	681195-52-8P	681195-54-0P	681195-56-2P	681195-58-4P	681195-59-5P
	681195-61-9P	681195-63-1P	681195-65-3P	681195-67-5P	681195-68-6P
	681195-69-7P	681195-71-1P	681195-73-3P	681195-74-4P	681195-75-5P
	681195-76-6P	681195-78-8P	681195-79-9P	681195-81-3P	681195-83-5P
	681195-85-7P	681195-87-9P	681195-89-1P	681195-90-4P	681195-92-6P
	681195-94-8P	681195-96-0P	681195-98-2P	681195-99-3P	681196-01-0P
	681196-03-2P	681196-05-4P	681196-06-5P	681196-08-7P	681196-10-1P
	681196-12-3P	681196-13-4P	681196-14-5P	681196-16-7P	681196-18-9P
	681196-20-3P	681196-22-5P	681196-24-7P	681196-26-9P	681196-28-1P
	681196-29-2P	681196-30-5P	681196-32-7P	681196-34-9P	681196-36-1P
	681196-38-3P	681196-40-7P	681196-42-9P	681196-44-1P	681196-46-3P
	681196-47-4P	681196-49-6P	681196-51-0P	681196-52-1P	681196-54-3P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT	681196-55-4P	681196-57-6P	681196-59-8P	681196-60-1P	681196-62-3P
	681196-64-5P	681196-65-6P	681196-66-7P	681196-68-9P	681196-70-3P
	681196-72-5P	681196-73-6P	681196-75-8P	681196-76-9P	681196-78-1P
	681196-80-5P	681196-82-7P	681196-84-9P	681196-85-0P	681196-87-2P
	681196-88-3P	681196-90-7P	681196-91-8P	681196-92-9P	681196-93-0P
	681196-94-1P	681196-95-2P	681196-97-4P	681196-99-6P	681197-00-2P
	681197-02-4P	681197-04-6P	681197-06-8P	681197-07-9P	681197-09-1P

681197-11-5P	681197-12-6P	681197-14-8P	681197-16-0P	681197-18-2P
681197-20-6P	681197-22-8P	681197-24-0P	681197-26-2P	681197-27-3P
681197-29-5P	681197-31-9P	681197-33-1P	681197-34-2P	681197-36-4P
681197-37-5P	681197-38-6P	681197-40-0P	681197-41-1P	681197-43-3P
681197-44-4P	681197-45-5P	681197-47-7P	681197-48-8P	681197-49-9P
681197-50-2P	681197-51-3P	681197-53-5P	681197-55-7P	681197-57-9P
681197-59-1P	681197-60-4P	681197-62-6P	681197-63-7P	681197-65-9P
681197-67-1P	681197-68-2P	681197-69-3P	681197-70-6P	681197-71-7P
681197-72-8P	681197-74-0P	681197-75-1P	681197-76-2P	681197-77-3P
681197-79-5P	681197-80-8P	681197-81-9P	681197-83-1P	681197-85-3P
681197-86-4P	681197-88-6P	681197-89-7P	681197-91-1P	681197-92-2P
681197-94-4P	681197-95-5P	681197-97-7P	681197-98-8P	681197-99-9P
681198-01-6P	681198-03-8P	681198-04-9P	681198-05-0P	681198-07-2P
681198-09-4P	681198-11-8P	681198-13-0P	681198-14-1P	681198-15-2P
681198-16-3P	681198-18-5P	681198-20-9P	681198-21-0P	681198-23-2P
681198-24-3P	681198-25-4P	681198-27-6P	681198-29-8P	681198-31-2P
681198-32-3P	681198-33-4P	681198-35-6P	681198-37-8P	681198-38-9P
681198-39-0P	681198-41-4P	681198-42-5P	681198-44-7P	681198-46-9P
681198-47-0P	681198-49-2P	681320-90-1P	681320-92-3P	681320-94-5P
681320-96-7P	681320-97-8P	681320-98-9P	681321-00-6P	681321-01-7P
681321-02-8P	681321-03-9P	681321-05-1P	681321-07-3P	681321-08-4P
681321-10-8P	681321-12-0P	681321-14-2P	681321-16-4P	681321-18-6P
681321-19-7P	681321-20-0P	681321-22-2P	681321-23-3P	681321-25-5P
681321-26-6P	681321-28-8P	681321-29-9P	681321-31-3P	681321-33-5P
681321-34-6P	681321-36-8P	681321-38-0P	681321-40-4P	681321-42-6P
681321-43-7P	681321-45-9P	681321-47-1P	681321-48-2P	681321-49-3P
681321-51-7P	681321-53-9P	681321-54-0P	681321-56-2P	681321-57-3P
681321-59-5P	681321-61-9P	681321-63-1P	681321-64-2P	681321-66-4P
681321-68-6P	681321-69-7P	681321-71-1P	681321-72-2P	681321-74-4P
681321-76-6P	681321-78-8P	681321-80-2P	681321-82-4P	681321-83-5P
681321-84-6P	681321-85-7P	681321-87-9P	681321-89-1P	681321-91-5P
681321-93-7P	681321-94-8P	681321-96-0P	681321-98-2P	681322-00-9P
681322-01-0P	681322-02-1P	681322-04-3P	681322-06-5P	681322-07-6P
681322-09-8P	681322-10-1P	681322-11-2P	681322-13-4P	681322-14-5P
681322-15-6P	681322-17-8P	681322-18-9P	681322-20-3P	681322-22-5P
681322-24-7P	681322-25-8P	681322-27-0P	681322-28-1P	681322-29-2P
681322-31-6P	681322-32-7P	681322-34-9P	681322-35-0P	681322-36-1P
681322-38-3P	681322-40-7P	681322-42-9P	681322-44-1P	681322-45-2P
681322-46-3P	681322-48-5P	681322-49-6P	681322-50-9P	681322-52-1P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT	681322-54-3P	681322-55-4P	681322-57-6P	681322-58-7P	681322-60-1P
	681322-62-3P	681322-64-5P	681322-65-6P	681322-67-8P	681322-69-0P
	681322-71-4P	681322-73-6P	681322-74-7P	681322-76-9P	681322-78-1P
	681322-80-5P	681322-82-7P	681322-83-8P	681322-85-0P	681322-86-1P
	681322-88-3P	681322-90-7P	681322-91-8P	681322-93-0P	681322-95-2P
	681322-96-3P	681322-98-5P	681322-99-6P	681323-00-2P	681323-02-4P
	681323-04-6P	681323-05-7P	681323-07-9P	681323-09-1P	681323-11-5P
	681323-13-7P	681323-14-8P	681323-16-0P	681323-18-2P	681323-19-3P
	681323-20-6P	681323-22-8P	681323-24-0P	681323-25-1P	681323-26-2P
	681323-27-3P	681323-29-5P	681323-31-9P	681323-33-1P	681323-35-3P
	681323-37-5P	681323-38-6P	681323-40-0P	681323-42-2P	681323-43-3P
	681323-45-5P	681323-46-6P	681323-48-8P	681323-50-2P	681323-52-4P
	681323-54-6P	681323-55-7P	681323-57-9P	681323-58-0P	681323-59-1P
	681323-60-4P	681323-62-6P	681323-64-8P	681323-66-0P	681323-67-1P
	681323-68-2P	681323-70-6P	681323-71-7P	681323-72-8P	681323-73-9P
	681323-75-1P	681323-77-3P	681323-79-5P	681323-81-9P	681323-83-1P
	681323-84-2P	681323-86-4P	681323-87-5P	681323-89-7P	681323-91-1P
	681323-92-2P	681323-94-4P	681323-96-6P	681323-98-8P	681324-00-5P
	681324-02-7P	681324-04-9P	681324-05-0P	681324-07-2P	681324-09-4P
	681324-11-8P	681324-12-9P	681324-14-1P	681324-16-3P	681324-18-5P

681324-20-9P	681324-22-1P	681324-24-3P	681324-25-4P	681324-26-5P
681324-27-6P	681324-29-8P	681324-30-1P	681324-31-2P	681324-32-3P
681324-33-4P	681324-34-5P	681324-36-7P	681324-37-8P	681324-39-0P
681324-40-3P	681324-42-5P	681324-44-7P	681324-46-9P	681324-47-0P
681324-48-1P	681324-49-2P	681324-51-6P	681324-52-7P	681324-54-9P
681324-56-1P	681324-58-3P	681324-60-7P	681324-62-9P	681324-64-1P
681324-66-3P	681324-68-5P	681324-69-6P	681324-70-9P	681324-71-0P
681324-72-1P	681324-73-2P	681324-74-3P	681324-75-4P	681324-77-6P
681324-78-7P	681324-80-1P	681324-81-2P	681324-82-3P	681324-84-5P
681324-86-7P	681324-87-8P	681324-89-0P	681324-91-4P	681324-93-6P
681324-95-8P	681324-96-9P	681324-98-1P	681325-00-8P	681325-02-0P
681325-04-2P	681325-06-4P	681325-07-5P	681325-08-6P	681325-10-0P
681325-12-2P	681325-13-3P	681325-14-4P	681325-15-5P	681325-16-6P
681325-17-7P	681325-19-9P	681325-21-3P	681325-22-4P	681325-24-6P
681325-26-8P	681325-27-9P	681325-29-1P	681325-31-5P	681325-33-7P
681325-34-8P	681325-35-9P	681325-37-1P	681325-39-3P	681325-41-7P
681325-43-9P	681325-45-1P	681325-47-3P	681325-49-5P	681325-51-9P
681325-53-1P	681325-55-3P	681325-56-4P	681325-58-6P	681325-59-7P
681325-61-1P	681325-63-3P	681325-65-5P	681325-67-7P	681325-69-9P
681325-71-3P	681325-73-5P	681325-75-7P	681325-77-9P	681325-78-0P
681325-80-4P	681325-82-6P	681325-83-7P	681325-85-9P	681325-87-1P
681325-88-2P	681325-90-6P	681325-92-8P	681325-93-9P	681325-95-1P
681325-97-3P	681325-98-4P	681326-00-1P	681326-02-3P	681326-04-5P
681326-06-7P	681326-08-9P	681326-10-3P	681326-12-5P	681326-14-7P
681326-16-9P	681326-18-1P	681326-20-5P	681326-21-6P	681326-23-8P
681326-25-0P	681326-27-2P	681326-29-4P	681326-31-8P	681326-32-9P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT 681326-33-0P	681326-35-2P	681326-37-4P	681326-39-6P	681326-41-0P
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681326-83-0P	681326-85-2P	681516-70-1P	681516-72-3P	681516-74-5P
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RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

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681520-40-1P	681520-42-3P	681520-43-4P	681520-45-6P	681520-47-8P
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681523-19-3P	681523-20-6P	681523-21-7P	681523-22-8P	

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

IT 680883-74-3P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; differentially expressed nucleic acids and their encoded proteins and their uses for the diagnosis and treatment of tumor)

RN 680883-74-3 HCAPLUS

CN Tumor-associated antigen PRO81897 (human) (9CI) (CA INDEX NAME)

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     151 LMTTMEAVES PESLAAYAYL LNLVLKRVPS PVLIKKFSDT SKAFMDIMSA
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     351 SLFHARPLGS TLSAELNAQI ITALYDYVPS ENDLQPLLAW LKVMKHAHIN
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     501 CGRQAHPVMR KCLQSLCDLR LSPHPHTAA LDQAVGA AVT SMGPEVVLQA
     551 VPLEIDGSEE TLDFFPSWLL PVIRDHVQET RLGFFTTYFL PLANTLKSKA
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     801 SPQGPQALFV QSHLEDLKKT LLDSLSTSS PAKRPRKLCL LHIVRKLSAE
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L9 ANSWER 9 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:982807 HCAPLUS

DN 141:83218

ED Entered STN: 17 Dec 2003

TI The Secreted Protein Discovery Initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: A bioinformatics assessment. [Erratum to document cited in CA139:287122]

AU Clark, Hilary F.; Gurney, Austin L.; Abaya, Evangeline; Baker, Kevin; Baldwin, Daryl; Brush, Jennifer; Chen, Jian; Chow, Bernard; Chui, Clarissa; Crowley, Craig; Currell, Bridget; Deuel, Bethanne; Dowd, Patrick; Eaton, Dan; Foster, Jessica; Gray, Alane; Grimaldi, Christopher; Gu, Qimin; Hass, Philip E.; Heldens, Sherry; Huang, Arthur; Kim, Hok Seon; Klimowski, Laura; Jin, Yisheng; Johnson, Stephanie; Lee, James; Lewis, Lhney; Liao, Dongzhou; Mark, Melanie; Robbie, Edward; Sanchez, Celina; Schoenfeld, Jill; Seshagiri, Somasekar; Simmons, Laura; Singh, Jennifer; Smith, Victoria; Stinson, Jeremy; Vagts, Alicia; Vandlen, Richard; Watanabe, Colin; Wieand, David; Woods, Kathryn; Xie, Ming-hong; Yansura, Daniel; Yi, Sothy; Yu, Guoying; Yuan, Jean; Zhang, Min; Zhang, Zemin; Goddard, Audrey; Wood, William I.; Godowski, Paul

CS Departments of Bioinformatics, Molecular Biology and Protein Chemistry, Genentech, Inc., South San Francisco, CA, 94080, USA

SO Genome Research (2003), 13(12), 2759

CODEN: GEREFS; ISSN: 1088-9051

PB Cold Spring Harbor Laboratory Press

DT Journal
 LA English
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6
 AB Alane Gray is added to the author list.
 ST erratum secretory protein discovery cDNA sequence human; bioinformatics
 signal sequence secretory protein discovery erratum
 IT Bioinformatics
 Human
 Protein sequences
 cDNA sequences
 (bioinformatics assessment of Secreted Protein Discovery Initiative
 (SPDI) in large-scale effort to identify novel human secreted and
 transmembrane proteins (Erratum))
 IT Signal peptides
 RL: ANT (Analyte); ANST (Analytical study)
 (bioinformatics assessment of Secreted Protein Discovery Initiative
 (SPDI) in large-scale effort to identify novel human secreted and
 transmembrane proteins (Erratum))
 IT Genetic methods
 (gene discovery; bioinformatics assessment of Secreted Protein
 Discovery Initiative (SPDI) in large-scale effort to identify novel
 human secreted and transmembrane proteins (Erratum))
 IT Proteins
 RL: ANT (Analyte); BSU (Biological study, unclassified); PRP (Properties);
 ANST (Analytical study); BIOL (Biological study)
 (secretory; bioinformatics assessment of Secreted Protein Discovery
 Initiative (SPDI) in large-scale effort to identify novel human
 secreted and transmembrane proteins (Erratum))
 IT Genetic element
 RL: ANT (Analyte); ANST (Analytical study)
 (signal sequence; bioinformatics assessment of Secreted Protein
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 ANST (Analytical study); BIOL (Biological study)
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RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) in large-scale effort to identify novel
human secreted and transmembrane proteins (Erratum))

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	606646-42-8	606646-44-0	606646-46-2	606646-48-4	606646-50-8
	606646-52-0	606646-54-2	606646-56-4	606646-58-6	606646-60-0
	606646-62-2	606646-64-4	606646-66-6	606646-68-8	606646-70-2
	606646-72-4	606646-74-6	606646-76-8	606646-78-0	606646-80-4
	606646-82-6	606646-84-8	606646-86-0	606646-88-2	606646-90-6
	606646-92-8	606646-94-0	606646-96-2	606646-98-4	606647-00-1
	606647-02-3	606647-04-5	606647-06-7	606647-08-9	606647-10-3
	606647-12-5	606647-14-7	606647-16-9	606647-18-1	606647-20-5
	606647-22-7	606647-24-9	606647-26-1	606647-28-3	606647-30-7
	606647-32-9	606647-34-1	606647-36-3	606647-38-5	606647-40-9
	606647-42-1	606647-44-3	606647-46-5	606647-48-7	606647-50-1
	606647-52-3	606647-54-5	606647-56-7	606647-58-9	606647-60-3
	606647-62-5	606647-64-7	606647-66-9	606647-68-1	606647-70-5
	606647-72-7	606647-74-9	606647-76-1	606647-78-3	606647-80-7
	606647-82-9	606647-84-1	606647-86-3	606647-88-5	606647-90-9
	606647-92-1	606647-94-3	606647-96-5	606647-98-7	606648-00-4
	606648-02-6	606648-04-8	606648-06-0	606648-08-2	606648-10-6
	606648-12-8	606648-14-0	606648-16-2	606648-18-4	606648-20-8
	606648-22-0	606648-24-2	606648-26-4	606648-28-6	606648-30-0
	606648-32-2	606648-34-4	606648-36-6	606648-38-8	606648-40-2
	606648-42-4	606648-44-6	606648-46-8	606648-48-0	606648-50-4
	606648-52-6	606648-54-8	606648-56-0	606648-58-2	606648-60-6
	606648-62-8	606648-64-0	606648-66-2	606648-68-4	606648-76-4
	606648-78-6	606648-80-0	606648-82-2	606648-84-4	606648-86-6
	606648-88-8	606648-90-2	606648-92-4	606648-94-6	606648-96-8
	606648-98-0	606649-00-7	606649-02-9	606649-04-1	606649-06-3
	606649-08-5	606649-10-9	606649-12-1	606649-14-3	606649-16-5
	606649-18-7	606649-20-1	606649-22-3	606649-24-5	606649-26-7

606649-28-9	606649-30-3	606649-32-5	606649-34-7	606649-36-9
606649-38-1	606649-40-5	606649-42-7	606649-44-9	606649-46-1
606649-48-3	606649-50-7	606649-52-9	606649-54-1	606649-56-3
606649-58-5	606649-60-9	606649-62-1	606649-64-3	606649-66-5
606649-68-7	606649-70-1	606649-72-3	606649-74-5	606649-76-7
606649-78-9	606649-80-3	606649-82-5	606649-84-7	
606649-86-9	606649-88-1	606649-90-5	606649-92-7	606649-94-9
606649-96-1	606649-98-3	606650-00-4	606650-02-6	606650-04-8
606650-06-0	606650-08-2	606650-10-6		

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) in large-scale effort to identify novel
human secreted and transmembrane proteins (Erratum))

IT	606650-12-8	606650-14-0	606650-16-2	606650-18-4	606650-20-8
	606650-22-0	606650-24-2	606650-26-4	606650-28-6	606650-30-0
	606650-32-2	606650-34-4	606650-36-6	606650-38-8	606650-40-2
	606650-42-4	606650-44-6	606650-46-8	606650-48-0	606650-50-4
	606650-52-6	606650-54-8	606650-56-0	606650-58-2	606650-60-6
	606650-62-8	606651-66-5	606651-68-7	606651-70-1	606651-72-3
	606651-74-5	606651-76-7	606651-78-9	606651-80-3	606651-82-5
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	606651-94-9	606651-96-1	606651-98-3	606652-00-0	606652-02-2
	606652-04-4	606652-06-6	606652-08-8	606652-10-2	606652-12-4
	606652-14-6	606652-16-8	606652-18-0	606652-20-4	606652-22-6
	606652-24-8	606652-26-0	606652-28-2	606652-30-6	606652-32-8
	606652-34-0	606652-36-2	606652-38-4	606652-40-8	606652-42-0
	606652-44-2	606652-46-4	606652-48-6	606652-50-0	606652-52-2
	606652-54-4	606652-56-6	606652-58-8	606652-60-2	606652-62-4
	606652-64-6	606652-66-8	606652-68-0	606652-70-4	606652-72-6
	606652-74-8	606652-76-0	606652-78-2	606652-80-6	606652-82-8
	606652-84-0	606652-86-2	606652-88-4	606652-90-8	606652-92-0
	606652-94-2	606652-96-4	606652-98-6	606653-00-3	606653-02-5
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	606653-44-5	606653-46-7	606653-48-9	606653-50-3	606653-52-5
	606653-54-7	606653-56-9	606653-58-1	606653-60-5	606653-62-7
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	606653-74-1	606653-76-3	606653-78-5	606653-80-9	606653-82-1
	606653-84-3	606653-86-5	606653-88-7	606653-90-1	606653-92-3
	606653-94-5	606653-96-7	606653-98-9	606654-00-6	606654-02-8
	606654-04-0	606654-06-2	606654-08-4	606654-10-8	606654-12-0
	606654-14-2	606654-16-4	606654-18-6	606654-20-0	606654-22-2
	606654-24-4	606654-26-6	606654-28-8	606654-30-2	606654-32-4
	606654-34-6	606654-36-8	606654-38-0	606654-40-4	606654-42-6
	606654-44-8	606654-46-0	606654-48-2	606654-50-6	606654-52-8
	606654-54-0	606654-56-2	606654-58-4	606654-60-8	606654-62-0
	606654-64-2	606654-66-4	606654-68-6	606654-70-0	606654-72-2
	606654-74-4	606654-76-6	606654-78-8	606654-80-2	606654-82-4
	606654-84-6	606654-86-8	606654-88-0	606654-90-4	606654-92-6
	606654-94-8	606654-96-0	606654-98-2	606655-00-9	606655-02-1
	606655-04-3	606655-06-5	606655-08-7	606655-10-1	606655-12-3
	606655-14-5	606655-16-7	606655-18-9	606655-20-3	606655-22-5
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	606655-54-3	606655-56-5	606655-58-7	606655-60-1	606655-62-3
	606655-64-5	606655-66-7	606655-68-9	606655-70-3	606655-72-5
	606655-74-7	606655-76-9	606655-78-1	606655-80-5	606655-82-7
	606655-84-9	606655-86-1			

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) in large-scale effort to identify novel

human secreted and transmembrane proteins (Erratum))

IT	606655-88-3	606655-90-7	606655-92-9	606655-94-1	606655-96-3
	606655-98-5	606656-00-2	606656-02-4	606656-04-6	606656-06-8
	606656-08-0	606656-10-4	606656-12-6	606656-14-8	606656-16-0
	606656-18-2	606656-20-6	606656-22-8	606656-24-0	606656-26-2
	606656-28-4	606656-30-8	606656-32-0	606656-34-2	606656-36-4
	606656-38-6	606656-40-0	606656-42-2	606656-44-4	606656-46-6
	606656-48-8	606656-50-2	606656-52-4	606656-54-6	606656-56-8
	606656-58-0	606656-60-4	606656-62-6	606656-64-8	606656-66-0
	606656-68-2	606656-70-6	606656-72-8	606656-74-0	606656-76-2
	606656-78-4	606656-80-8	606656-82-0	606656-84-2	606656-86-4
	606656-88-6	606656-90-0	606656-92-2	606656-94-4	606656-96-6
	606656-98-8	606657-00-5	606657-02-7	606657-04-9	606657-06-1
	606657-08-3	606657-10-7	606657-12-9	606657-14-1	606657-16-3
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	606657-48-1	606657-50-5	606657-52-7	606657-54-9	606657-56-1
	606657-58-3	606657-60-7	606657-62-9	606657-64-1	606657-66-3
	606657-68-5	606657-70-9	606657-72-1	606657-74-3	606657-76-5
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	606657-98-1	606658-00-8	606658-02-0	606658-04-2	606658-06-4
	606658-08-6	606658-10-0	606658-12-2	606658-14-4	606658-16-6
	606658-18-8	606658-20-2	606658-22-4	606658-24-6	606658-26-8
	606658-28-0	606658-30-4	606658-32-6	606658-34-8	606658-36-0
	606658-38-2	606658-40-6	606658-42-8	606658-44-0	606658-46-2
	606658-48-4	606658-50-8	606658-52-0	606658-54-2	606658-56-4
	606658-58-6	606658-60-0	606658-62-2	606658-64-4	606658-66-6
	606658-68-8	606658-70-2	606658-72-4	606658-74-6	606658-76-8
	606658-78-0	606658-80-4	606658-82-6	606658-84-8	606658-86-0
	606658-88-2	606658-90-6	606658-92-8	606658-94-0	606658-96-2
	606658-98-4	606659-00-1	606659-02-3	606659-04-5	606659-06-7
	606659-08-9	606659-10-3	606659-12-5	606659-14-7	606659-16-9
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	606659-38-5	606659-40-9	606659-42-1	606659-44-3	606659-46-5
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	606659-58-9	606659-60-3	606659-62-5	606659-64-7	606659-66-9
	606659-68-1	606659-70-5	606659-72-7	606659-74-9	606659-76-1
	606659-78-3	606659-80-7	606659-82-9	606659-84-1	606659-86-3
	606659-88-5	606659-90-9	606659-92-1	606659-94-3	606659-96-5
	606659-98-7	606660-00-8	606660-02-0	606660-04-2	606660-06-4
	606660-08-6	606660-10-0	606660-12-2	606660-14-4	606660-16-6
	606660-18-8	606660-20-2	606660-22-4	606660-24-6	606660-26-8
	606660-28-0	606660-30-4	606660-32-6	606660-34-8	606660-36-0
	606660-38-2	606660-40-6	606660-42-8	606660-44-0	606660-46-2
	606660-48-4	606660-50-8	606660-52-0	606660-54-2	606660-56-4
	606660-58-6	606660-60-0			

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) in large-scale effort to identify novel
human secreted and transmembrane proteins (Erratum))

IT	606660-62-2	606660-64-4	606660-66-6	606660-68-8	606660-70-2
	606660-72-4	606660-74-6	606660-76-8	606660-78-0	606660-80-4
	606660-82-6	606660-84-8	606660-86-0	606660-88-2	606660-90-6
	606660-92-8	606660-94-0	606660-96-2	606660-98-4	606661-00-1
	606661-02-3	606661-04-5	606661-06-7	606661-08-9	606661-10-3
	606661-12-5	606661-14-7	606661-16-9	606661-18-1	606661-20-5
	606661-22-7	606661-24-9	606661-26-1	606661-28-3	606661-30-7
	606661-32-9	606661-34-1	606661-36-3	606661-38-5	606661-40-9
	606661-42-1	606661-44-3	606661-46-5	606661-48-7	606661-50-1
	606661-52-3	606661-54-5	606661-56-7	606661-58-9	606661-60-3
	606661-62-5	606661-64-7	606661-66-9	606661-68-1	606661-70-5
	606661-72-7	606661-74-9	606661-76-1	606661-78-3	606661-80-7

606661-82-9	606661-84-1	606661-86-3	606661-88-5	606661-90-9
606661-92-1	606661-94-3	606661-96-5	606661-98-7	606662-00-4
606662-02-6	606662-04-8	606662-06-0	606662-08-2	606662-10-6
606662-12-8	606662-14-0	606662-16-2	606662-18-4	606662-20-8
606662-22-0	606662-24-2	606662-26-4	606662-28-6	606662-30-0
606662-32-2	606662-34-4	606662-36-6	606662-38-8	606662-40-2
606662-42-4	606662-44-6	606662-46-8	606662-48-0	606662-50-4
606662-52-6	606662-54-8	606662-56-0	606662-58-2	

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) in large-scale effort to identify novel
human secreted and transmembrane proteins (Erratum))

IT	606640-57-7	606640-59-9	606640-61-3	606640-63-5	606640-65-7
	606640-67-9	606640-69-1	606640-71-5	606640-73-7	606640-75-9
	606640-77-1	606640-79-3	606640-81-7	606640-83-9	606640-85-1
	606640-87-3	606640-89-5	606640-91-9	606640-93-1	606640-95-3
	606640-97-5	606640-99-7	606641-01-4	606641-03-6	606641-05-8
	606641-07-0	606641-09-2	606641-11-6	606641-13-8	606641-15-0
	606641-17-2	606641-19-4	606641-21-8	606641-23-0	606641-25-2
	606641-27-4	606641-29-6	606641-31-0	606641-33-2	606641-35-4
	606641-37-6	606641-39-8	606641-41-2	606641-43-4	606641-45-6
	606641-47-8	606641-49-0	606641-51-4	606641-53-6	606641-55-8
	606641-57-0	606641-59-2	606641-61-6	606641-63-8	606641-65-0
	606641-67-2	606641-69-4	606641-71-8	606641-73-0	606641-75-2
	606641-77-4	606641-79-6	606641-81-0	606641-83-2	606641-85-4
	606641-87-6	606641-89-8	606641-91-2	606641-93-4	606641-95-6
	606641-97-8	606641-99-0	606642-01-7	606642-03-9	606642-05-1
	606642-07-3	606642-09-5	606642-11-9	606642-13-1	606642-15-3
	606642-17-5	606642-19-7	606642-21-1	606642-23-3	606642-25-5
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	606642-67-5	606642-69-7	606642-71-1	606642-73-3	606642-75-5
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	606642-87-9	606642-89-1	606642-91-5	606642-93-7	606642-95-9
	606642-97-1	606642-99-3	606643-01-0	606643-03-2	606643-05-4
	606643-07-6	606643-09-8	606643-11-2	606643-13-4	606643-15-6
	606643-17-8	606643-19-0	606643-21-4	606643-23-6	606643-25-8
	606643-27-0	606643-29-2	606643-31-6	606643-33-8	606643-35-0
	606643-37-2	606643-39-4	606643-41-8	606643-43-0	606643-45-2
	606643-47-4	606643-49-6	606643-51-0	606643-53-2	606643-55-4
	606643-57-6	606643-59-8	606643-61-2	606643-63-4	606643-65-6
	606643-67-8	606643-69-0	606643-71-4	606643-73-6	606643-75-8
	606643-77-0	606643-79-2	606643-81-6	606643-83-8	606643-85-0
	606643-87-2	606643-89-4	606643-91-8	606643-93-0	606643-95-2
	606643-97-4	606643-99-6	606644-01-3	606644-03-5	606644-05-7
	606644-07-9	606644-09-1	606644-11-5	606644-13-7	606644-15-9
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	606644-27-3	606644-29-5	606644-31-9	606644-33-1	606644-35-3
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	606644-67-1	606644-69-3	606644-71-7	606644-73-9	606644-75-1
	606644-77-3	606644-79-5	606644-81-9	606644-83-1	606644-85-3
	606644-87-5	606644-89-7	606644-91-1	606644-93-3	606644-95-5
	606644-97-7	606644-99-9	606645-01-6	606645-03-8	606645-05-0
	606645-07-2	606645-09-4	606645-11-8	606645-13-0	606645-15-2
	606645-17-4	606645-19-6	606645-21-0	606645-23-2	606645-25-4
	606645-27-6	606645-29-8			

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(nucleotide sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) in large-scale effort to identify novel
human secreted and transmembrane proteins (Erratum))

606652-43-1	606652-45-3	606652-47-5	606652-49-7	606652-51-1
606652-53-3	606652-55-5	606652-57-7	606652-59-9	606652-61-3
606652-63-5	606652-65-7	606652-67-9	606652-69-1	606652-71-5
606652-73-7	606652-75-9	606652-77-1	606652-79-3	606652-81-7
606652-83-9	606652-85-1	606652-87-3	606652-89-5	606652-91-9
606652-93-1	606652-95-3	606652-97-5	606652-99-7	606653-01-4
606653-03-6	606653-05-8	606653-07-0	606653-09-2	606653-11-6
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606653-73-0	606653-75-2	606653-77-4	606653-79-6	606653-81-0
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RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(nucleotide sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) in large-scale effort to identify novel
human secreted and transmembrane proteins (Erratum))

IT	606655-87-2	606655-89-4	606655-91-8	606655-93-0	606655-95-2
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606660-57-5	606660-59-7			

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(nucleotide sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) in large-scale effort to identify novel
human secreted and transmembrane proteins (Erratum))

IT	606660-61-1	606660-63-3	606660-65-5	606660-67-7	606660-69-9
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	606662-41-3	606662-43-5	606662-45-7	606662-47-9	606662-49-1
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RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(nucleotide sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) in large-scale effort to identify novel
human secreted and transmembrane proteins (Erratum))

IT 606649-80-3

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) in large-scale effort to identify novel
human secreted and transmembrane proteins (Erratum))

RN 606649-80-3 HCAPLUS

CN SAMK3000 protein (human clone DNA108728 gene UNQ3000) (9CI) (CA INDEX
NAME)

SEQ 1 MSAMKSVLPL LNPYCVLAFV YACMCVRAHV CVCVYMCMCV LCACVCTCRK
51 KVMCGNGEFQ PRRRLCLGLP REVVTLRETG SKCTLPSSSL CDLGQVTSAP

L9 ANSWER 10 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2003:819228 HCAPLUS
 DN 139:287122
 ED Entered STN: 19 Oct 2003
 TI The Secreted Protein Discovery Initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: A bioinformatics assessment
 AU Clark, Hilary F.; Gurney, Austin L.; Abaya, Evangeline; Baker, Kevin; Baldwin, Daryl; Brush, Jennifer; Chen, Jian; Chow, Bernard; Chui, Clarissa; Crowley, Craig; Currell, Bridget; Deuel, Bethanne; Dowd, Patrick; Eaton, Dan; Foster, Jessica; Grimaldi, Christopher; Gu, Qimin; Hass, Philip E.; Heldens, Sherry; Huang, Arthur; Kim, Hok Seon; Klimowski, Laura; Jin, Yisheng; Johnson, Stephanie; Lee, James; Lewis, Lhney; Liao, Dongzhou; Mark, Melanie; Robbie, Edward; Sanchez, Celina; Schoenfeld, Jill; Seshagiri, Somasekar; Simmons, Laura; Singh, Jennifer; Smith, Victoria; Stinson, Jeremy; Vagts, Alicia; Vandlen, Richard; Watanabe, Colin; Wieand, David; Woods, Kathryn; Xie, Ming-Hong; Yansura, Daniel; Yi, Sothy; Yu, Guoying; Yuan, Jean; Zhang, Min; Zhang, Zemin; Goddard, Audrey; Wood, William I.; Godowski, Paul
 CS Departments of Bioinformatics, Molecular Biology and Protein Chemistry, Genentech, Inc., South San Francisco, CA, 94080, USA
 SO Genome Research (2003), 13(10), 2265-2270
 CODEN: GEREFS; ISSN: 1088-9051
 PB Cold Spring Harbor Laboratory Press
 DT Journal
 LA English
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 13
 AB A large-scale effort, termed the Secreted Protein Discovery Initiative (SPDI), was undertaken to identify novel secreted and transmembrane proteins. In the first of several approaches, a biol. signal sequence trap in yeast cells was utilized to identify cDNA clones encoding putative secreted proteins. A second strategy utilized various algorithms that recognize features such as the hydrophobic properties of signal sequences to identify putative proteins encoded by expressed sequence tags (ESTs) from human cDNA libraries. A third approach surveyed ESTs for protein sequence similarity to a set of known receptors and their ligands with the BLAST algorithm. Finally, both signal-sequence prediction algorithms and BLAST were used to identify single exons of potential genes from within human genomic sequence. The isolation of full-length cDNA clones for each of these candidate genes resulted in the identification of >1000 novel proteins. A total of 256 of these cDNAs are still novel, including variants and novel genes, per the most recent GenBank release version. The success of this large-scale effort was assessed by a bioinformatics anal. of the proteins through predictions of protein domains, subcellular localizations, and possible functional roles. The SPDI collection should facilitate efforts to better understand intercellular communication, may lead to new understandings of human diseases, and provides potential opportunities for the development of therapeutics.
 ST secretory protein discovery cDNA sequence human; bioinformatics signal sequence secretory protein discovery
 IT Bioinformatics
 Human
 Protein sequences
 cDNA sequences
 (bioinformatics assessment of Secreted Protein Discovery Initiative (SPDI) as large-scale effort to identify novel human secreted and transmembrane proteins)
 IT Signal peptides
 RL: ANT (Analyte); ANST (Analytical study)
 (bioinformatics assessment of Secreted Protein Discovery Initiative (SPDI) as large-scale effort to identify novel human secreted and transmembrane proteins)

IT Genetic methods
 (gene discovery; bioinformatics assessment of Secreted Protein
 Discovery Initiative (SPDI) as large-scale effort to identify novel
 human secreted and transmembrane proteins)

IT Proteins
 RL: ANT (Analyte); BSU (Biological study, unclassified); PRP (Properties);
 ANST (Analytical study); BIOL (Biological study)
 (secretory; bioinformatics assessment of Secreted Protein Discovery
 Initiative (SPDI) as large-scale effort to identify novel human
 secreted and transmembrane proteins)

IT Genetic element
 RL: ANT (Analyte); ANST (Analytical study)
 (signal sequence; bioinformatics assessment of Secreted Protein
 Discovery Initiative (SPDI) as large-scale effort to identify novel
 human secreted and transmembrane proteins)

IT Proteins
 RL: ANT (Analyte); BSU (Biological study, unclassified); PRP (Properties);
 ANST (Analytical study); BIOL (Biological study)
 (transmembrane; bioinformatics assessment of Secreted Protein Discovery
 Initiative (SPDI) as large-scale effort to identify novel human
 secreted and transmembrane proteins)

IT

606640-58-8	606640-60-2	606640-62-4	606640-64-6	606640-66-8
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606640-96-4	606640-98-6	606641-00-3	606641-02-5	606641-04-7
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 606645-26-5 606645-28-7 606645-30-1

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
 (Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
 Discovery Initiative (SPDI) as large-scale effort to identify novel
 human secreted and transmembrane proteins)

IT	606645-32-3	606645-34-5	606645-36-7	606645-38-9	606645-40-3
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	606648-32-2	606648-34-4	606648-36-6	606648-38-8	606648-40-2
	606648-42-4	606648-44-6	606648-46-8	606648-48-0	606648-50-4
	606648-52-6	606648-54-8	606648-56-0	606648-58-2	606648-60-6
	606648-62-8	606648-64-0	606648-66-2	606648-68-4	606648-76-4
	606648-78-6	606648-80-0	606648-82-2	606648-84-4	606648-86-6
	606648-88-8	606648-90-2	606648-92-4	606648-94-6	606648-96-8
	606648-98-0	606649-00-7	606649-02-9	606649-04-1	606649-06-3
	606649-08-5	606649-10-9	606649-12-1	606649-14-3	606649-16-5
	606649-18-7	606649-20-1	606649-22-3	606649-24-5	606649-26-7
	606649-28-9	606649-30-3	606649-32-5	606649-34-7	606649-36-9
	606649-38-1	606649-40-5	606649-42-7	606649-44-9	606649-46-1
	606649-48-3	606649-50-7	606649-52-9	606649-54-1	606649-56-3
	606649-58-5	606649-60-9	606649-62-1	606649-64-3	606649-66-5
	606649-68-7	606649-70-1	606649-72-3	606649-74-5	606649-76-7
	606649-78-9	606649-80-3	606649-82-5	606649-84-7	
	606649-86-9	606649-88-1	606649-90-5	606649-92-7	606649-94-9
	606649-96-1	606649-98-3	606650-00-4	606650-02-6	606650-04-8
	606650-06-0	606650-08-2	606650-10-6		

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
 (Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
 Discovery Initiative (SPDI) as large-scale effort to identify novel
 human secreted and transmembrane proteins)

IT	606650-12-8	606650-14-0	606650-16-2	606650-18-4	606650-20-8
	606650-22-0	606650-24-2	606650-26-4	606650-28-6	606650-30-0
	606650-32-2	606650-34-4	606650-36-6	606650-38-8	606650-40-2
	606650-42-4	606650-44-6	606650-46-8	606650-48-0	606650-50-4
	606650-52-6	606650-54-8	606650-56-0	606650-58-2	606650-60-6

606650-62-8	606651-66-5	606651-68-7	606651-70-1	606651-72-3
606651-74-5	606651-76-7	606651-78-9	606651-80-3	606651-82-5
606651-84-7	606651-86-9	606651-88-1	606651-90-5	606651-92-7
606651-94-9	606651-96-1	606651-98-3	606652-00-0	606652-02-2
606652-04-4	606652-06-6	606652-08-8	606652-10-2	606652-12-4
606652-14-6	606652-16-8	606652-18-0	606652-20-4	606652-22-6
606652-24-8	606652-26-0	606652-28-2	606652-30-6	606652-32-8
606652-34-0	606652-36-2	606652-38-4	606652-40-8	606652-42-0
606652-44-2	606652-46-4	606652-48-6	606652-50-0	606652-52-2
606652-54-4	606652-56-6	606652-58-8	606652-60-2	606652-62-4
606652-64-6	606652-66-8	606652-68-0	606652-70-4	606652-72-6
606652-74-8	606652-76-0	606652-78-2	606652-80-6	606652-82-8
606652-84-0	606652-86-2	606652-88-4	606652-90-8	606652-92-0
606652-94-2	606652-96-4	606652-98-6	606653-00-3	606653-02-5
606653-04-7	606653-06-9	606653-08-1	606653-10-5	606653-12-7
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606653-34-3	606653-36-5	606653-38-7	606653-40-1	606653-42-3
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606653-54-7	606653-56-9	606653-58-1	606653-60-5	606653-62-7
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606653-74-1	606653-76-3	606653-78-5	606653-80-9	606653-82-1
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606653-94-5	606653-96-7	606653-98-9	606654-00-6	606654-02-8
606654-04-0	606654-06-2	606654-08-4	606654-10-8	606654-12-0
606654-14-2	606654-16-4	606654-18-6	606654-20-0	606654-22-2
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606654-34-6	606654-36-8	606654-38-0	606654-40-4	606654-42-6
606654-44-8	606654-46-0	606654-48-2	606654-50-6	606654-52-8
606654-54-0	606654-56-2	606654-58-4	606654-60-8	606654-62-0
606654-64-2	606654-66-4	606654-68-6	606654-70-0	606654-72-2
606654-74-4	606654-76-6	606654-78-8	606654-80-2	606654-82-4
606654-84-6	606654-86-8	606654-88-0	606654-90-4	606654-92-6
606654-94-8	606654-96-0	606654-98-2	606655-00-9	606655-02-1
606655-04-3	606655-06-5	606655-08-7	606655-10-1	606655-12-3
606655-14-5	606655-16-7	606655-18-9	606655-20-3	606655-22-5
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606655-34-9	606655-36-1	606655-38-3	606655-40-7	606655-42-9
606655-44-1	606655-46-3	606655-48-5	606655-50-9	606655-52-1
606655-54-3	606655-56-5	606655-58-7	606655-60-1	606655-62-3
606655-64-5	606655-66-7	606655-68-9	606655-70-3	606655-72-5
606655-74-7	606655-76-9	606655-78-1	606655-80-5	606655-82-7
606655-84-9	606655-86-1			

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) as large-scale effort to identify novel
human secreted and transmembrane proteins)

IT	606655-88-3	606655-90-7	606655-92-9	606655-94-1	606655-96-3
	606655-98-5	606656-00-2	606656-02-4	606656-04-6	606656-06-8
	606656-08-0	606656-10-4	606656-12-6	606656-14-8	606656-16-0
	606656-18-2	606656-20-6	606656-22-8	606656-24-0	606656-26-2
	606656-28-4	606656-30-8	606656-32-0	606656-34-2	606656-36-4
	606656-38-6	606656-40-0	606656-42-2	606656-44-4	606656-46-6
	606656-48-8	606656-50-2	606656-52-4	606656-54-6	606656-56-8
	606656-58-0	606656-60-4	606656-62-6	606656-64-8	606656-66-0
	606656-68-2	606656-70-6	606656-72-8	606656-74-0	606656-76-2
	606656-78-4	606656-80-8	606656-82-0	606656-84-2	606656-86-4
	606656-88-6	606656-90-0	606656-92-2	606656-94-4	606656-96-6
	606656-98-8	606657-00-5	606657-02-7	606657-04-9	606657-06-1
	606657-08-3	606657-10-7	606657-12-9	606657-14-1	606657-16-3
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	606657-38-9	606657-40-3	606657-42-5	606657-44-7	606657-46-9
	606657-48-1	606657-50-5	606657-52-7	606657-54-9	606657-56-1
	606657-58-3	606657-60-7	606657-62-9	606657-64-1	606657-66-3

606657-68-5	606657-70-9	606657-72-1	606657-74-3	606657-76-5
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606657-98-1	606658-00-8	606658-02-0	606658-04-2	606658-06-4
606658-08-6	606658-10-0	606658-12-2	606658-14-4	606658-16-6
606658-18-8	606658-20-2	606658-22-4	606658-24-6	606658-26-8
606658-28-0	606658-30-4	606658-32-6	606658-34-8	606658-36-0
606658-38-2	606658-40-6	606658-42-8	606658-44-0	606658-46-2
606658-48-4	606658-50-8	606658-52-0	606658-54-2	606658-56-4
606658-58-6	606658-60-0	606658-62-2	606658-64-4	606658-66-6
606658-68-8	606658-70-2	606658-72-4	606658-74-6	606658-76-8
606658-78-0	606658-80-4	606658-82-6	606658-84-8	606658-86-0
606658-88-2	606658-90-6	606658-92-8	606658-94-0	606658-96-2
606658-98-4	606659-00-1	606659-02-3	606659-04-5	606659-06-7
606659-08-9	606659-10-3	606659-12-5	606659-14-7	606659-16-9
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606659-28-3	606659-30-7	606659-32-9	606659-34-1	606659-36-3
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606659-48-7	606659-50-1	606659-52-3	606659-54-5	606659-56-7
606659-58-9	606659-60-3	606659-62-5	606659-64-7	606659-66-9
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606659-98-7	606660-00-8	606660-02-0	606660-04-2	606660-06-4
606660-08-6	606660-10-0	606660-12-2	606660-14-4	606660-16-6
606660-18-8	606660-20-2	606660-22-4	606660-24-6	606660-26-8
606660-28-0	606660-30-4	606660-32-6	606660-34-8	606660-36-0
606660-38-2	606660-40-6	606660-42-8	606660-44-0	606660-46-2
606660-48-4	606660-50-8	606660-52-0	606660-54-2	606660-56-4
606660-58-6	606660-60-0			

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) as large-scale effort to identify novel
human secreted and transmembrane proteins)

IT	606660-62-2	606660-64-4	606660-66-6	606660-68-8	606660-70-2
	606660-72-4	606660-74-6	606660-76-8	606660-78-0	606660-80-4
	606660-82-6	606660-84-8	606660-86-0	606660-88-2	606660-90-6
	606660-92-8	606660-94-0	606660-96-2	606660-98-4	606661-00-1
	606661-02-3	606661-04-5	606661-06-7	606661-08-9	606661-10-3
	606661-12-5	606661-14-7	606661-16-9	606661-18-1	606661-20-5
	606661-22-7	606661-24-9	606661-26-1	606661-28-3	606661-30-7
	606661-32-9	606661-34-1	606661-36-3	606661-38-5	606661-40-9
	606661-42-1	606661-44-3	606661-46-5	606661-48-7	606661-50-1
	606661-52-3	606661-54-5	606661-56-7	606661-58-9	606661-60-3
	606661-62-5	606661-64-7	606661-66-9	606661-68-1	606661-70-5
	606661-72-7	606661-74-9	606661-76-1	606661-78-3	606661-80-7
	606661-82-9	606661-84-1	606661-86-3	606661-88-5	606661-90-9
	606661-92-1	606661-94-3	606661-96-5	606661-98-7	606662-00-4
	606662-02-6	606662-04-8	606662-06-0	606662-08-2	606662-10-6
	606662-12-8	606662-14-0	606662-16-2	606662-18-4	606662-20-8
	606662-22-0	606662-24-2	606662-26-4	606662-28-6	606662-30-0
	606662-32-2	606662-34-4	606662-36-6	606662-38-8	606662-40-2
	606662-42-4	606662-44-6	606662-46-8	606662-48-0	606662-50-4
	606662-52-6	606662-54-8	606662-56-0	606662-58-2	

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) as large-scale effort to identify novel
human secreted and transmembrane proteins)

IT	606640-57-7	606640-59-9	606640-61-3	606640-63-5	606640-65-7
	606640-67-9	606640-69-1	606640-71-5	606640-73-7	606640-75-9
	606640-77-1	606640-79-3	606640-81-7	606640-83-9	606640-85-1
	606640-87-3	606640-89-5	606640-91-9	606640-93-1	606640-95-3
	606640-97-5	606640-99-7	606641-01-4	606641-03-6	606641-05-8
	606641-07-0	606641-09-2	606641-11-6	606641-13-8	606641-15-0

606641-17-2	606641-19-4	606641-21-8	606641-23-0	606641-25-2
606641-27-4	606641-29-6	606641-31-0	606641-33-2	606641-35-4
606641-37-6	606641-39-8	606641-41-2	606641-43-4	606641-45-6
606641-47-8	606641-49-0	606641-51-4	606641-53-6	606641-55-8
606641-57-0	606641-59-2	606641-61-6	606641-63-8	606641-65-0
606641-67-2	606641-69-4	606641-71-8	606641-73-0	606641-75-2
606641-77-4	606641-79-6	606641-81-0	606641-83-2	606641-85-4
606641-87-6	606641-89-8	606641-91-2	606641-93-4	606641-95-6
606641-97-8	606641-99-0	606642-01-7	606642-03-9	606642-05-1
606642-07-3	606642-09-5	606642-11-9	606642-13-1	606642-15-3
606642-17-5	606642-19-7	606642-21-1	606642-23-3	606642-25-5
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606642-37-9	606642-39-1	606642-41-5	606642-43-7	606642-45-9
606642-47-1	606642-49-3	606642-51-7	606642-53-9	606642-55-1
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606642-67-5	606642-69-7	606642-71-1	606642-73-3	606642-75-5
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606642-87-9	606642-89-1	606642-91-5	606642-93-7	606642-95-9
606642-97-1	606642-99-3	606643-01-0	606643-03-2	606643-05-4
606643-07-6	606643-09-8	606643-11-2	606643-13-4	606643-15-6
606643-17-8	606643-19-0	606643-21-4	606643-23-6	606643-25-8
606643-27-0	606643-29-2	606643-31-6	606643-33-8	606643-35-0
606643-37-2	606643-39-4	606643-41-8	606643-43-0	606643-45-2
606643-47-4	606643-49-6	606643-51-0	606643-53-2	606643-55-4
606643-57-6	606643-59-8	606643-61-2	606643-63-4	606643-65-6
606643-67-8	606643-69-0	606643-71-4	606643-73-6	606643-75-8
606643-77-0	606643-79-2	606643-81-6	606643-83-8	606643-85-0
606643-87-2	606643-89-4	606643-91-8	606643-93-0	606643-95-2
606643-97-4	606643-99-6	606644-01-3	606644-03-5	606644-05-7
606644-07-9	606644-09-1	606644-11-5	606644-13-7	606644-15-9
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606644-27-3	606644-29-5	606644-31-9	606644-33-1	606644-35-3
606644-37-5	606644-39-7	606644-41-1	606644-43-3	606644-45-5
606644-47-7	606644-49-9	606644-51-3	606644-53-5	606644-55-7
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606644-97-7	606644-99-9	606645-01-6	606645-03-8	606645-05-0
606645-07-2	606645-09-4	606645-11-8	606645-13-0	606645-15-2
606645-17-4	606645-19-6	606645-21-0	606645-23-2	606645-25-4
606645-27-6	606645-29-8			

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(nucleotide sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) as large-scale effort to identify novel
human secreted and transmembrane proteins)

IT	606645-31-2	606645-33-4	606645-35-6	606645-37-8	606645-39-0
	606645-41-4	606645-43-6	606645-45-8	606645-47-0	606645-49-2
	606645-51-6	606645-53-8	606645-55-0	606645-57-2	606645-59-4
	606645-61-8	606645-63-0	606645-65-2	606645-67-4	606645-69-6
	606645-71-0	606645-73-2	606645-75-4	606645-77-6	606645-79-8
	606645-81-2	606645-83-4	606645-85-6	606645-87-8	606645-89-0
	606645-91-4	606645-93-6	606645-95-8	606645-97-0	606645-99-2
	606646-01-9	606646-03-1	606646-05-3	606646-07-5	606646-09-7
	606646-11-1	606646-13-3	606646-15-5	606646-17-7	606646-19-9
	606646-21-3	606646-23-5	606646-25-7	606646-27-9	606646-29-1
	606646-31-5	606646-33-7	606646-35-9	606646-37-1	606646-39-3
	606646-41-7	606646-43-9	606646-45-1	606646-47-3	606646-49-5
	606646-51-9	606646-53-1	606646-55-3	606646-57-5	606646-59-7
	606646-61-1	606646-63-3	606646-65-5	606646-67-7	606646-69-9
	606646-71-3	606646-73-5	606646-75-7	606646-77-9	606646-79-1
	606646-81-5	606646-83-7	606646-85-9	606646-87-1	606646-89-3
	606646-91-7	606646-93-9	606646-95-1	606646-97-3	606646-99-5
	606647-01-2	606647-03-4	606647-05-6	606647-07-8	606647-09-0
	606647-11-4	606647-13-6	606647-15-8	606647-17-0	606647-19-2

606647-21-6	606647-23-8	606647-25-0	606647-27-2	606647-29-4
606647-31-8	606647-33-0	606647-35-2	606647-37-4	606647-39-6
606647-41-0	606647-43-2	606647-45-4	606647-47-6	606647-49-8
606647-51-2	606647-53-4	606647-55-6	606647-57-8	606647-59-0
606647-61-4	606647-63-6	606647-65-8	606647-67-0	606647-69-2
606647-71-6	606647-73-8	606647-75-0	606647-77-2	606647-79-4
606647-81-8	606647-83-0	606647-85-2	606647-87-4	606647-89-6
606647-91-0	606647-93-2	606647-95-4	606647-97-6	606647-99-8
606648-01-5	606648-03-7	606648-05-9	606648-07-1	606648-09-3
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RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)

(nucleotide sequence; bioinformatics assessment of Secreted Protein Discovery Initiative (SPDI) as large-scale effort to identify novel human secreted and transmembrane proteins)

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RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)

(nucleotide sequence; bioinformatics assessment of Secreted Protein Discovery Initiative (SPDI) as large-scale effort to identify novel human secreted and transmembrane proteins)

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RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
 (Biological study)

(nucleotide sequence; bioinformatics assessment of Secreted Protein
 Discovery Initiative (SPDI) as large-scale effort to identify novel
 human secreted and transmembrane proteins)

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RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
 (Biological study)

(nucleotide sequence; bioinformatics assessment of Secreted Protein
 Discovery Initiative (SPDI) as large-scale effort to identify novel
 human secreted and transmembrane proteins)

RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD
 RE

- (1) Aliprantis, A; EMBO J 2000, V19, P3325 HCAPLUS
- (2) Armant, M; Genome Biol 2002, V3, P3011
- (3) Baker, K; US 6060249 2000 HCAPLUS
- (4) Bateman, A; Nucleic Acids Res 2002, V30, P276 HCAPLUS
- (5) Burge, C; J Mol Biol 1997, V268, P78 HCAPLUS
- (6) Chen, Q; Nature 2000, V407, P916 HCAPLUS
- (7) Cross, M; Trends Pharmacol Sci 2001, V22, P201 HCAPLUS
- (8) Danielsen, A; Growth Fact 2002, V20, P1 HCAPLUS
- (9) Dedhar, S; Curr Opin Hematol 1999, V6, P37 MEDLINE
- (10) Eddy, S; Bioinformatics 1998, V14, P755 HCAPLUS
- (11) Flavell, R; Curr Top Microbiol Immunol 2002, V266, P1 HCAPLUS
- (12) Gewirtz, A; J Immunol 2001, V167, P1882 HCAPLUS
- (13) Ghilardi, N; J Biol Chem 2002, V277, P16831 HCAPLUS
- (14) Grandvaux, N; Curr Opin Infect Diseases 2002, V15, P259 HCAPLUS
- (15) Gurney, A; Curr Biol 1999, V9, P215 HCAPLUS
- (16) Hackel, P; Curr Opin Cell Biol 1999, V11, P184 HCAPLUS
- (17) Holcomb, I; EMBO J 2000, V19, P4046 HCAPLUS
- (18) Kawai, J; Nature 2001, V409, P685
- (19) Klein, R; Proc Natl Acad Sci 1996, V93, P7108 HCAPLUS
- (20) Lecouter, J; Nature 2001, V412, P877 HCAPLUS
- (21) Lee, J; J Biol Chem 2001, V276, P1660 HCAPLUS
- (22) Lennon, G; Genomics 1996, V33, P151 HCAPLUS
- (23) Li, H; Proc Natl Acad Sci 2000, V97, P773 HCAPLUS
- (24) Marsters, S; Curr Biol 1997, V7, P1003 HCAPLUS
- (25) Marsters, S; Curr Biol 1998, V8, P525 HCAPLUS
- (26) Onuffer, J; Trends Pharmacol Sci 2002, V23, P459 HCAPLUS
- (27) Ornitz, D; Genome Biol 2001, V2, P3001
- (28) Pennica, D; Proc Natl Acad Sci 1998, V95, P14717 HCAPLUS
- (29) Pitti, R; Nature 1998, V396, P699 HCAPLUS
- (30) Schooltink, H; J Interfer Cyto Res 2002, V22, P505 HCAPLUS
- (31) Sheridan, J; Science 1997, V277, P818 HCAPLUS

- (32) Sonnhammer, E; Nucleic Acids Res 1998, V26, P320 HCAPLUS
- (33) Strausberg, R; Science 1999, V286, P455 HCAPLUS
- (34) Tang, B; Intl J Biochem Cell Biol 2001, V33, P33 HCAPLUS
- (35) Williamson, A; Drug Discovery Today 1999, V4, P115 HCAPLUS
- (36) Xie, M; Cytokine 1999, V11, P729 HCAPLUS
- (37) Xie, M; J Biol Chem 2000, V275, P31335 HCAPLUS
- (38) Yamamoto, S; Immunol Today 1999, V20, P278 HCAPLUS
- (39) Yan, M; Science 2000, V290, P523 HCAPLUS
- (40) Yancopoulos, G; Cell 1998, V93, P661 HCAPLUS
- (41) Yang, R; Nature 1998, V395, P284 HCAPLUS
- (42) Zhang, Z; Bioinformatics 2003, V19, P307 HCAPLUS

IT 606649-80-3

RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)

(amino acid sequence; bioinformatics assessment of Secreted Protein
Discovery Initiative (SPDI) as large-scale effort to identify novel
human secreted and transmembrane proteins)

RN 606649-80-3 HCAPLUS

CN SAMK3000 protein (human clone DNA108728 gene UNQ3000) (9CI) (CA INDEX
NAME)

SEQ 1 MSAMKSVLPL LNPYCVLAFV YACMCVRAHV CVCVYMCMCV LCACVCTCRK
51 KVMCGNGEFQ PRRRLCLGLP REVVTLRETG SKCTLPSSSL CDLGQVTSAP

L9 ANSWER 11 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:443545 HCAPLUS

DN 139:159700

ED Entered STN: 10 Jun 2003

TI Engineering Exosite Peptides for Complete Inhibition of Factor VIIa Using
a Protease Switch with Substrate Phage

AU Maun, Henry R.; Eigenbrot, Charles; Lazarus, Robert A.

CS Department of Protein Engineering, Genentech, Inc., South San
Francisco, CA, 94080, USA

SO Journal of Biological Chemistry (2003), 278(24), 21823-21830
CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

CC 1-8 (Pharmacology)

Section cross-reference(s): 3, 6

AB Limitations of current anticoagulant therapies have led us to develop two
distinct classes of exosite peptide inhibitors for the initiator of the
clotting process, the tissue factor-factor VIIa (TF·FVIIa) complex
(Roberge, M., Santell, L., Dennis, M. S., Eigenbrot, C., Dwyer, M. A., and
Lazarus, R. A. (2001) Biochem. 40, 9522-9531). Although both peptide
classes are potent and selective inhibitors of TF·FVIIa, neither
showed 100% inhibition at saturating concns. Crystal structures of these
peptides in complex with the FVII/FVIIa protease domain revealed their
distinct binding sites and close proximity to the active site. The
favorable orientation of the 15-mer A-site peptide A-183 (EEWEVLCWTWETCER)
suggested that a C-terminal extension into the FVIIa active site could
yield a chimeric inhibitor that was not only potent and selective but
complete as well. A novel two-step "protease switch" approach using
substrate phage display was developed by first binding all phage containing
A-183 and C-terminal extension libraries to immobilized and inactive
FVIIa. Upon altering pH and adding TF to switch on FVIIa enzymic
activity, only those phage released by proteolytic cleavage within the
extension were propagated. This process selected for both preferred
sequence and length in the extension, leading to a 27-mer peptide A-183X
(EEWEVLCWTWETCEREGEGVEEELWEWR) with a C-terminal 12-mer extension containing an
Arg in the P1 position. A-183X was a more potent and complete inhibitor
of FX activation, having a maximal extent of inhibition of .apprx.99% with

an IC50 of 230 pM vs. A-183 which maximally inhibited to 74% with an IC50 of 1.5 nM. A-183X also had a maximal prolongation of the prothrombin time of 7.6- vs. 1.9-fold for A-183, making it a more effective anticoagulant.

ST peptide A183X factor VIIa inhibition anticoagulant

IT Enzyme functional sites
(active; engineering exosite peptides for complete inhibition of factor VIIa using a protease switch with substrate phage)

IT Anticoagulants
Protein engineering
(engineering exosite peptides for complete inhibition of factor VIIa using a protease switch with substrate phage)

IT Peptides, biological studies
RL: PAC (Pharmacological activity); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(engineering exosite peptides for complete inhibition of factor VIIa using a protease switch with substrate phage)

IT 65312-43-8, Factor VIIa
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(engineering exosite peptides for complete inhibition of factor VIIa using a protease switch with substrate phage)

IT 575431-91-3P, A 183X
RL: PAC (Pharmacological activity); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(engineering exosite peptides for complete inhibition of factor VIIa using a protease switch with substrate phage)

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

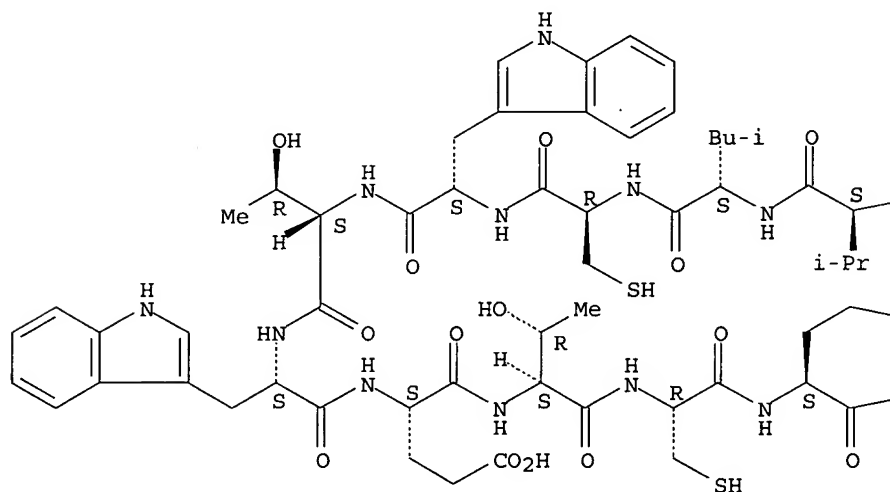
- (1) Banner, D; Nature 1996, V380, P41 HCAPLUS
- (2) Baugh, R; Biochemistry 2000, V275, P28826 HCAPLUS
- (3) Chen, E; J Biol Chem 2002, V277, P4485 HCAPLUS
- (4) Coombs, G; Chem Biol 1998, V5, P475 HCAPLUS
- (5) Davie, E; Thromb Haemostasis 1995, V74, P1 HCAPLUS
- (6) Dennis, M; Biochemistry 2001, V40, P9513 HCAPLUS
- (7) Dennis, M; Nature 2000, V404, P465 HCAPLUS
- (8) Dennis, M; Proteins Struct Funct Genet 1993, V15, P312 HCAPLUS
- (9) Dickinson, C; Proc Natl Acad Sci U S A 1996, V93, P14379 HCAPLUS
- (10) Ding, L; Proc Natl Acad Sci U S A 1995, V92, P7627 HCAPLUS
- (11) Eigenbrot, C; Structure 2001, V9, P627 HCAPLUS
- (12) Harris, J; J Biol Chem 1998, V273, P27364 HCAPLUS
- (13) Hervio, L; Chem Biol 2000, V7, P443 HCAPLUS
- (14) Hirsh, J; Am Heart J 2001, V142, PS3 HCAPLUS
- (15) Ke, S; J Biol Chem 1997, V272, P20456 HCAPLUS
- (16) Kelley, R; Blood 1997, V89, P3219 HCAPLUS
- (17) Kridel, S; J Biol Chem 2001, V276, P20572 HCAPLUS
- (18) Kridel, S; J Biol Chem 2002, V277, P23788 HCAPLUS
- (19) Krishnaswamy, S; Biochemistry 1997, V36, P12080 HCAPLUS
- (20) Kunkel, T; Methods Enzymol 1987, V154, P367 HCAPLUS
- (21) Lazarus, R; Proteinase and Peptidase Inhibition: Recent Potential Targets for Drug Development 2002, P202 HCAPLUS
- (22) Leblond, L; Antithrombotics 1999, P1 HCAPLUS
- (23) Lee, G; Biochemistry 1997, V36, P5607 HCAPLUS
- (24) Lowman, H; J Mol Biol 1993, V234, P564 HCAPLUS
- (25) Mann, K; Thromb Haemostasis 1999, V82, P165 HCAPLUS
- (26) Maraganore, J; Biochemistry 1990, V29, P7095 HCAPLUS
- (27) Matthews, D; Protein Sci 1994, V3, P1197 HCAPLUS
- (28) Matthews, D; Science 1993, V260, P1113 HCAPLUS
- (29) McRee, D; Practical Protein Crystallography 1999
- (30) Moll, S; Semin Hematol 2002, V39, P145 HCAPLUS
- (31) Morrissey, J; Thromb Haemostasis 2001, V86, P66 HCAPLUS
- (32) Neuenschwander, P; Thromb Haemostasis 1993, V70, P970 HCAPLUS
- (33) Nilsson, B; Protein Eng 1987, V1, P107 HCAPLUS
- (34) Parry, M; Biochemistry 1994, V33, P14807 HCAPLUS
- (35) Roberge, M; Biochem J 2002, V363, P387 HCAPLUS
- (36) Roberge, M; Biochemistry 2001, V40, P9522 HCAPLUS

(37) Ruf, W; Trends Cardiovasc Med 1998, V8, P350 HCAPLUS
 (38) Schechter, I; Biochem Biophys Res Commun 1967, V27, P157 HCAPLUS
 (39) Shobe, J; J Biol Chem 1999, V274, P24171 HCAPLUS
 (40) Sidhu, S; J Biol Chem 1994, V269, P20167 HCAPLUS
 (41) Sidhu, S; Methods Enzymol 2000, V328, P333 HCAPLUS
 (42) Smith, M; J Biol Chem 1995, V270, P6440 HCAPLUS
 (43) Starovasnik, M; Protein Sci 1999, V8, P1423 HCAPLUS
 (44) Stubbs, M; Thromb Res 1993, V69, P1 HCAPLUS
 IT 575431-91-3P, A 183X
 RL: PAC (Pharmacological activity); PNU (Preparation, unclassified); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (engineering exosite peptides for complete inhibition of factor VIIa
 using a protease switch with substrate phage)
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 L- α -glutamyl-L-threonyl-L-cysteinyl-L- α -glutamyl-L-
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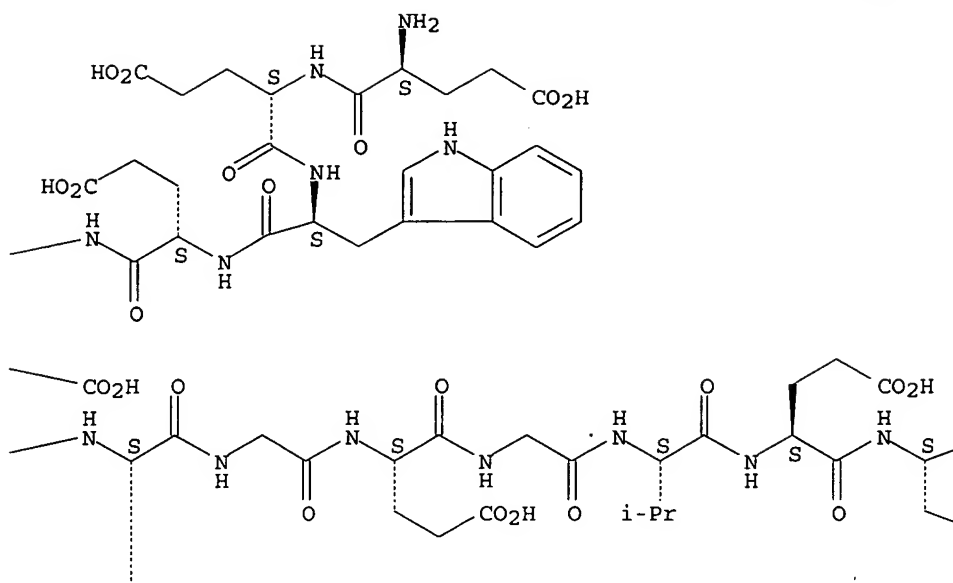
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Absolute stereochemistry.

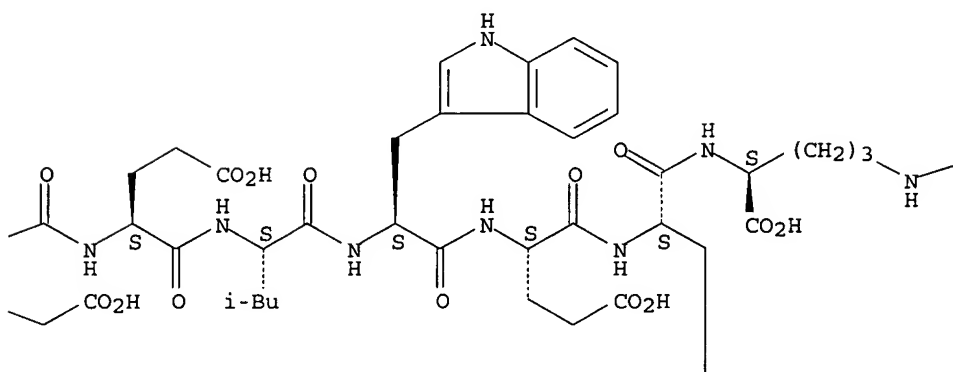
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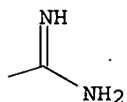
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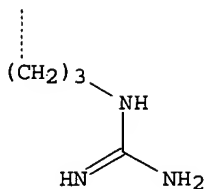
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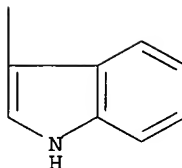
PAGE 1-D



PAGE 2-B



PAGE 2-C



L9 ANSWER 12 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:242121 HCAPLUS
DN 138:266934
ED Entered STN: 28 Mar 2003
TI Nucleic acid and polypeptide compositions and methods for the diagnosis
and treatment of tumor
IN Frantz, Gretchen; Hillan, Kenneth J.; Phillips, Heidi S.; Polakis, Paul;
Spencer, Susan D.; Williams, P. Mickey; Wu, Thomas D.; Zhang, Zemin
PA **Genentech, Inc., USA**
SO PCT Int. Appl., 285 pp.
CODEN: PIXXD2
DT Patent
LA English
IC ICM A61K
CC 3-3 (Biochemical Genetics)
Section cross-reference(s): 6, 9, 14, 63

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003024392	A2	20030327	WO 2002-US28859	20020911
	WO 2003024392	A3	20041021		

Search done by Noble Jarrell

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2460120 AA 20030327 CA 2002-2460120 20020911

US 2003148408 A1 20030807 US 2002-241220 20020911

EP 1487877 A2 20041222 EP 2002-766272 20020911

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US 2004229277 A1 20041118 US 2004-872972 20040621

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US 2005064492 A1 20050324 US 2004-948518 20040922

US 2005042216 A1 20050224 US 2004-953264 20040929

PRAI US 2001-323268P P 20010918

US 2001-339227P P 20011019

US 2001-336827P P 20011107

US 2001-331906P P 20011120

US 2002-345444P P 20020102

US 2002-369724P P 20020403

US 2002-404809P P 20020819

US 2002-373160P P 20020416

US 2002-378885P P 20020508

US 2002-405645P P 20020821

US 2002-241220 A1 20020911

WO 2002-US28859 W 20020911

US 2002-413192P P 20020923

US 2002-419008P P 20021015

US 2002-426847P P 20021115

US 2003-411010 A1 20030410

US 2003-484959P P 20030702

US 2003-643795 A1 20030819

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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US 2003148408	NCL	435/007.230
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US 2004229277	NCL	435/006.000
	ECLA	A61K047/48T2C8H; A61K047/48T4B18; A61K047/48T4B30; C07K016/18; C07K016/30; G01N033/574
US 2004242860	NCL	536/023.200
	ECLA	A61K047/48T2C8H; A61K047/48T4B18; A61K047/48T4B30; C07K016/18; C07K016/30; G01N033/574
US 2005064492	NCL	435/006.000
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US 2005042216	NCL	424/141.100
	ECLA	A61K047/48T2C8H; A61K047/48T4B18; A61K047/48T4B30; C07K016/18; C07K016/30

AB Various cellular polypeptides and their encoding nucleic acids are identified which are expressed to a greater degree on the cell surface by one or more types of cancer cell(s) as compared to on the surface of or by one or more types of normal non-cancer cells. Alternatively, such polypeptides are expressed by cells which produce and/or secrete polypeptides having a potentiating or growth-enhancing effect on cancer cells. Again alternatively, such polypeptides may not be overexpressed by tumor cells as compared to normal cells of the same tissue type, but

rather may be specifically expressed by both tumor cells and normal cells of only a single or very limited number of tissue types. All of the above polypeptides are referred to as Tumor-associated Antigenic Target polypeptides ("TAT" polypeptides) and are expected to serve as effective targets for cancer therapy and diagnosis in mammals. Thus, a proprietary database containing gene expression information (GeneExpress, Gene Logic Inc.) was analyzed to identify 60 polypeptides (and their encoding nucleic acids) whose expression is significantly up-regulated in a particular tumor tissue(s) of interest as compared to other tumor(s) and/or normal tissues. Verification and anal. of differential TAT polypeptide expression is achieved by microarray anal. and GEPIS (gene expression profiling in silico).

- ST gene expression tumor diagnosis therapy human; sequence tumor assocd protein cDNA human
- IT Animal cell line
 - (293, recombinant expression host; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Animal cell line
 - (CHO, recombinant expression host; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Animal cell line
 - (COS, recombinant expression host; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Animal cell line
 - (SF9, recombinant expression host; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Kidney, neoplasm
 - (Wilms'; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Intestine, neoplasm
 - (colon; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Intestine, neoplasm
 - (colorectal; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Antibiotics
 - Antitumor agents
 - Cytotoxic agents
 - (conjugates with antibodies; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Radionuclides, biological studies
 - RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (conjugates with antibodies; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Antibodies and Immunoglobulins
 - RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (conjugates; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Uterus, neoplasm
 - (endometrium; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Antibodies and Immunoglobulins
 - RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (fragments; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Antibodies and Immunoglobulins
 - RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (humanized; nucleic acid and polypeptide compns. and methods for the

- diagnosis and treatment of tumor)
- IT Drug delivery systems
 - (immunotoxins; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Antibodies and Immunoglobulins
 - RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (labeled; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Animal cell
 - (mammalian, recombinant expression host; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Leukemia
 - (myelogenous; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Bone, neoplasm
- Brain, neoplasm
- Esophagus, neoplasm
- Gallbladder, neoplasm
- Gene expression profiles, animal
- Human
- Kidney, neoplasm
- Liver, neoplasm
- Lung, neoplasm
- Lymphoma
- Molecular cloning
- Myoma
- Neoplasm
- Neuroglia, neoplasm
- Pancreas, neoplasm
- Prostate gland, neoplasm
- Skin, neoplasm
- Spleen, neoplasm
- Stomach, neoplasm
- Thyroid gland, neoplasm
- Tumor markers
- Urinary tract, neoplasm
- Uterus, neoplasm
 - (nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Antibodies and Immunoglobulins
 - RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Carcinoma
 - (pulmonary squamous cell; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Escherichia coli
- Eubacteria
- Yeast
 - (recombinant expression host; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Animal tissue, disease
 - (soft, neoplasm; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Neoplasm
 - (soft-tissue; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Lung, neoplasm
 - (squamous cell carcinoma; nucleic acid and polypeptide compns. and methods for the diagnosis and treatment of tumor)
- IT Proteins
 - RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP

(Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (tumor-associated; nucleic acid and polypeptide compns. and methods for
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 (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (amino acid sequence; nucleic acid and polypeptide compns. and methods
 for the diagnosis and treatment of tumor)

IT 9026-81-7P, Nuclease
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 (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL
 (Biological study); PREP (Preparation); USES (Uses)
 (conjugates with antibodies; nucleic acid and polypeptide compns. and
 methods for the diagnosis and treatment of tumor)

IT 35846-53-8DP, Maytansine, compds., conjugates with antibodies
 113440-58-7DP, Calicheamicin, conjugates with antibodies
 RL: ARG (Analytical reagent use); BPN (Biosynthetic preparation); DGN
 (Diagnostic use); THU (Therapeutic use); ANST (Analytical study); BIOL
 (Biological study); PREP (Preparation); USES (Uses)
 (nucleic acid and polypeptide compns. and methods for the diagnosis and
 treatment of tumor)

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 (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; nucleic acid and polypeptide compns. and methods
 for the diagnosis and treatment of tumor)

IT 503571-76-4
 RL: BSU (Biological study, unclassified); DGN (Diagnostic use); PRP
 (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (amino acid sequence; nucleic acid and polypeptide compns. and methods
 for the diagnosis and treatment of tumor)

RN 503571-76-4 HCAPLUS
 CN Tumor-associated protein TAT203 (human clone DNA226283 precursor) (9CI)
 (CA INDEX NAME)

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 151 WIPDTFFRNS KRTHEHEITM PNQMVRIYKD GKVLYTIRMT IDAGCSLHML
 201 RFPMDSHSCP LSFSSFSYPE NEMIYKWENF KLEINEKNSW KLFQDFDTGV
 251 SNKTEIITTP VGDFMVMTIF FNVSRFRGYV AFQNYVPSSV TTMLSWVSFW
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 351 CFCALLEFAV LNFLIYNQTK AHASPKLRHP RINSRAHART RARSACARQ

401 HQEAFVCQIV TTEGSDGEER PSCSAQQPPS PGSPEGPRSL CSKLACCEWC
 451 KRFFKYFCMV PDCEGSTWQQ GRLCIHVYRL DNYSRVVPV TFFFFNVLYW
 501 LVCLNL

L9 ANSWER 13 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2002:90102 HCAPLUS
 DN 136:146183
 ED Entered STN: 01 Feb 2002
 TI Nucleic acid and protein compositions and methods for the diagnosis and
 treatment of disorders involving angiogenesis
 IN Baker, Kevin P.; Ferrara, Napoleone; Gerber, Hanspeter; Gerritsen, Mary
 E.; Goddard, Audrey; Godowski, Paul J.; Gurney, Austin L.; Hillan, Kenneth
 J.; Marsters, Scot A.; Pan, James; Paoni, Nicholas F.; Stephan,
 Jean-Philippe F.; Watanabe, Colin K.; Williams, P. Mickey; Wood, William
 I.; Ye, Weilan
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 567 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC C07K014-475
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 9, 13, 63

FAN.CNT 123

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CA 2390685 AA 20010712 CA 2000-2390685 20001108
WO 2001049715 A2 20010712 WO 2000-US30952 20001108
WO 2001049715 A3 20020404

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WO 2001040465 A2 20010607 WO 2000-US30873 20001110
WO 2001040465 A3 20020321

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AU 2001068028 A5 20010924 AU 2001-68028 20001129
US 2002058309 A1 20020516 US 2001-866028 20010525
US 6642360 B2 20031104
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US 2000-220624P	P	20000725		
US 2000-220664P	P	20000725		
WO 2000-US20710	W	20000728		
US 2000-222695P	P	20000802		
US 2000-643657	A	20000817		
WO 2000-US23522	W	20000823		
WO 2000-US23328	W	20000824		
US 2000-230978P	P	20000907		
US 2000-664610	A	20000918		
US 2000-665350	A	20000918		
US 2000-242922P	P	20001024		
US 2000-70923	A	20001108		
WO 2000-US30952	W	20001108		
WO 2000-US30873	W	20001110		
US 1997-56974P	P	19970826		
US 1997-59113P	P	19970917		
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US 1997-62287P	P	19971017
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US 1997-63870P	P	19971031
US 1997-64103P	P	19971031
WO 1997-US20069	A	19971105
US 1997-65311P	P	19971113
US 1997-66120P	P	19971121
US 1997-66364P	P	19971121
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US 1998-15089	B1	19980129
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US 1998-105413	B1	19980626
US 1998-91982P	P	19980707

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US 1998-98014P	P	19980826
US 1998-98525P	P	19980831
US 1998-98750P	A1	19980901
US 1998-99601P	P	19980909
US 1998-99803P	P	19980910
US 1998-99811P	P	19980910
US 1998-99812P	P	19980910
AU 1998-93881	A3	19980914
US 1998-100634P	P	19980916
US 1998-100858P	P	19980917
WO 1998-US19437	A	19980917
US 1998-101922P	P	19980924
AU 1998-93178	A3	19981002
US 1998-168978	B1	19981007
WO 1998-US21141	A	19981007
US 1998-105169P	P	19981022
US 1998-106032P	P	19981028
US 1998-187368	A1	19981106
US 1998-107783P	P	19981110
US 1998-108802P	P	19981117
US 1998-109304P	P	19981120
WO 1998-US24855	A	19981120
WO 1998-US25108	A	19981201
US 1998-202054	A1	19981207
US 1998-112514P	P	19981215
US 1998-216021	B1	19981216
US 1998-113296P	P	19981222
US 1998-113300P	P	19981222
US 1998-218517	B1	19981222
US 1998-113430P	P	19981223
US 1998-113605P	P	19981223
US 1998-113621P	P	19981223
US 1998-114140P	P	19981223
WO 1999-US106	A	19990105
US 1999-115552P	P	19990112
US 1999-116843P	P	19990122
WO 1999-US30911	A	19990220
US 1999-254311	A1	19990303
WO 1999-US5028	A1	19990308

WO 1999-US5190	A	19990310
US 1999-123972P	P	19990311
US 1999-123957P	P	19990312
US 1999-125774P	P	19990323
US 1999-125778P	P	19990323
US 1999-125826P	P	19990324
US 1999-127035P	P	19990331
US 1999-127706P	P	19990405
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US 1999-131293P	P	19990427
US 1999-131445P	P	19990428
US 1999-132371P	P	19990504
US 1999-132379P	P	19990504
US 1999-132383P	P	19990504
US 1999-311832	A1	19990514
WO 1999-US10733	A	19990514
US 1999-135750P	P	19990525
WO 1999-US12252	A1	19990602
US 1999-138166P	P	19990608
US 1999-139695P	P	19990615
US 1999-141037P	P	19990623
US 1999-143048P	P	19990707
US 1999-144706P	P	19990720
US 1999-144713P	P	19990720
US 1999-144758P	P	19990720
US 1999-144791P	P	19990720
US 1999-145070P	P	19990720
US 1999-145698P	P	19990726
US 1999-145781P	P	19990727
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US 1999-145903P	P	19990727
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US 1999-146222P	P	19990728
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US 1999-146989P	P	19990803
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US 1999-148187P	P	19990810
US 1999-148192P	P	19990810
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US 1999-149396P	P	19990817
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US 1999-151733P	P	19990831

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US 1999-151798P	P	19990831
US 1999-151799P	P	19990831
WO 1999-US20111	W	19990901
US 1999-920594	A	19990908
WO 1999-US20594	A	19990908
WO 1999-US20944	W	19990913
US 1999-153857P	P	19990914
US 1999-153904P	P	19990914
US 1999-921090	A	19990915
WO 1999-US21090	W	19990915
WO 1999-US21194	A	19990915
WO 1999-US21547	A	19990915
US 1999-158663P	P	19991008
US 1999-403297	B1	19991018
US 1999-160406P	P	19991019

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2002008284	IC	C07K014-475
EP 1466977	ECLA	C07K016/18
WO 2001009327	ECLA	C07K014/47A1A; C07K014/705R
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US 2003044793	NCL	435/006.000
US 2003054401	NCL	435/007.100
US 2003054349	NCL	435/006.000
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US 2003054351	NCL	435/006.000
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US 2003059829	NCL	435/007.100
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US 2003023054	NCL	536/023.100

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US 2003039972	NCL	435/006.000
US 2002197671	NCL	435/069.100
US 2002198366	NCL	536/023.100
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US 2003186365	NCL	435/069.100
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US 2003186368	NCL	435/069.100
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US 2003190701	NCL	435/069.100
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US 2003190703	NCL	435/069.100
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US 2003190321	NCL	424/185.100
	ECLA	C07K014/705
US 2003194780	NCL	435/069.100
	ECLA	C07K014/47; C07K014/705
US 2003194781	NCL	435/069.100
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US 2003207803	NCL	514/012.000
	ECLA	C07K014/47; C07K014/705
US 2003170254	NCL	424/185.100
	ECLA	C07K014/705
US 2003187241	NCL	536/023.200
	ECLA	C07K014/47; C07K014/47A1A; C07K014/705
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US 2003207422	NCL	435/183.000
US 2003207359	NCL	435/069.100
US 2003207423	NCL	435/183.000
US 2003207424	NCL	435/183.000
US 2003207425	NCL	435/183.000
US 2003207426	NCL	435/183.000
US 2003148438	NCL	435/069.100
	ECLA	C07K014/47
US 2003170788	NCL	435/069.100
	ECLA	C07K014/47
US 2003166084	NCL	435/069.100
	ECLA	C07K014/47
US 2003207427	NCL	435/183.000
US 2003207428	NCL	435/183.000
US 2003134380	NCL	435/069.100
	ECLA	C07K014/47
US 2004214269	NCL	435/069.100
	ECLA	C07K014/47; C07K014/705
US 2003180875	NCL	435/069.100
	ECLA	C07K014/47; C07K014/705
US 2004253666	NCL	435/069.100
	ECLA	C07K014/47; C07K014/705
US 2003199027	NCL	435/069.100
	ECLA	C07K014/47
US 2003129695	NCL	435/069.100
US 2003207805	NCL	514/012.000
US 2003208055	NCL	536/023.100
US 2003207429	NCL	435/183.000
US 2005074837	NCL	435/069.100
	ECLA	C07K014/47
US 2003073169	NCL	435/069.100
US 2003082767	NCL	435/183.000
US 2003104538	NCL	435/069.100
US 2003073170	NCL	435/069.100
US 2003073171	NCL	435/069.100
US 2003073172	NCL	435/069.100
US 2003077732	NCL	435/069.100
US 2003082715	NCL	435/069.100
US 2003044916	NCL	435/069.100
US 2003044917	NCL	435/069.100
US 2003044918	NCL	435/069.100
US 2003068680	NCL	435/069.100
US 2003087373	NCL	435/069.100
US 2003044919	NCL	435/069.100
US 2003068681	NCL	435/069.100
US 2003073173	NCL	435/069.100
US 2003044920	NCL	435/069.100
US 2003044921	NCL	435/069.100
US 2003044922	NCL	435/069.100
US 2003044923	NCL	435/069.100
US 2003096353	NCL	435/069.100
US 2003104539	NCL	435/069.100
US 2003104540	NCL	435/069.100
US 2003044924	NCL	435/069.100
US 2003044925	NCL	435/069.100
US 2003064440	NCL	435/069.100
US 2003077733	NCL	435/069.100
US 2003044926	NCL	435/069.100
US 2003054454	NCL	435/069.100

US 2003064441	NCL	435/069.100
US 2003082716	NCL	435/069.100
US 2003082717	NCL	435/069.100
US 2003104541	NCL	435/069.100
US 2003124661	NCL	435/069.100
US 2003044927	NCL	435/069.100
US 2003054456	NCL	435/069.100
US 2003068683	NCL	435/069.100
US 2003073174	NCL	435/069.100
US 2003119105	NCL	435/069.100
US 2003157635	NCL	435/069.100
US 2003044928	NCL	435/069.100
US 2003044929	NCL	435/069.100
US 2003044930	NCL	435/069.100
US 2003044931	NCL	435/069.100
US 2003104542	NCL	435/069.100
US 2003104543	NCL	435/069.100
US 2003054458	NCL	435/069.100
US 2003119106	NCL	435/069.100
US 2003044932	NCL	435/069.100
US 2003068695	NCL	435/069.100
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US 2003049743	NCL	435/069.100
US 2003049745	NCL	435/069.100
US 2003064446	NCL	435/069.100
US 2003153037	NCL	435/069.100
US 2003059879	NCL	435/069.100
US 2003064448	NCL	435/069.100
US 2003049747	NCL	435/069.100
US 2003064449	NCL	435/069.100
US 2003063112	NCL	715/700.000
US 2003068705	NCL	435/069.100
US 2003068706	NCL	435/069.100
US 2003071834	NCL	715/700.000
US 2003049749	NCL	435/069.100
US 2003065159	NCL	536/023.100
US 2003068710	NCL	435/069.100
US 2003104547	NCL	435/069.100
US 2003104548	NCL	435/069.100
US 2003207398	NCL	435/069.100
US 2003215910	NCL	435/069.100
US 2003180881	NCL	435/069.100
US 2003064462	NCL	435/069.100
US 2003064463	NCL	435/069.100
US 2003068756	NCL	435/069.100
US 2003068759	NCL	435/069.100
US 2003068760	NCL	435/069.100
US 2003073183	NCL	435/069.100
US 2003096359	NCL	435/069.100
US 2004048334	NCL	435/069.100
US 2003068765	NCL	435/069.100
US 2003068766	NCL	435/069.100
US 2003068769	NCL	435/069.100
US 2003068773	NCL	435/069.100
US 2003068774	NCL	435/069.100
US 2003073184	NCL	435/069.100
US 2003073185	NCL	435/069.100
US 2003215912	NCL	435/069.100
US 2004048335	NCL	435/069.100
US 2003082199	NCL	424/185.100
US 2004242843	NCL	530/350.000
US 2004044179	NCL	530/350.000
US 2003100497	NCL	514/012.000
US 2003105011	NCL	514/012.000
US 2003105012	NCL	514/012.000
US 2003105013	NCL	514/012.000

US	2003109438	NCL	514/012.000
US	2003119112	NCL	435/069.100
US	2003125521	NCL	530/350.000
US	2003186866	NCL	514/012.000
US	2003191059	NCL	514/012.000
US	2003104558	NCL	435/069.100
US	2004006206	NCL	530/350.000
US	2003138898	NCL	435/069.100
US	2003113852	NCL	435/069.100
US	2003108544	NCL	424/141.100
		ECLA	C07K014/47
US	2003120056	NCL	536/023.500
		ECLA	A61K047/48R2F; C07K014/515
US	2003144498	NCL	536/023.500
		ECLA	A61K047/48R2F; C07K014/515
US	2004249141	NCL	536/023.500
		ECLA	A61K047/48R2F; C07K014/515
US	2003224984	NCL	514/012.000
		ECLA	C07K014/515; C07K016/22
US	2003199044	NCL	435/069.520
US	2004229307	NCL	435/069.100
US	2004258710	NCL	424/190.100
		ECLA	C07K014/52A
US	2005019823	NCL	435/006.000
		ECLA	C07K014/47
US	2005153396	NCL	435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.200
		ECLA	C07K014/47
US	2005153348	NCL	435/006.000; 435/007.230
		ECLA	C07K014/47
US	2005176041	NCL	435/006.000
US	2005164266	NCL	435/006.000; 435/007.100; 435/287.200
US	2005170396	NCL	435/006.000; 435/007.200
US	2005176046	NCL	435/006.000; 435/007.230
US	2005170458	NCL	435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.200
US	2005176104	NCL	435/069.300; 530/350.000; 435/320.100; 435/325.000; 530/388.800; 536/023.500
US	2005136515	NCL	435/069.100
		ECLA	C07K014/47
US	2005136475	NCL	435/006.000
		ECLA	C07K014/47; C07K014/705
US	2005158830	NCL	435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.200
AB	Nucleic acid and protein compns. and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Thus, 187 cDNAs and their encoded protein sequences isolated from human cDNA libraries are identified by extracellular domain homol. screening, amylase screening, and signal algorithm anal. The pharmaceutical compns. are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compns. herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide mols. comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention, and to methods for producing the polypeptides of the present invention.		
ST	protein cDNA sequence human angiogenesis cardiovascularization; diagnosis angiogenesis cardiovascularization protein cDNA human; therapy angiogenesis cardiovascularization protein cDNA human		
IT	Animal cell line (CHO, recombinant expression host; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)		

- IT Apoptosis
(Induction in endothelial cell; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Artery
Surgery
(angioplasty, treatment following; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Diagnosis
(cancer; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Hypertrophy
Neoplasm
(cardiac; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Epitopes
(chimeric proteins containing; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Blood vessel
(endothelium, diseases; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Blood vessel
(endothelium, inhibition of proliferation of; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Antibodies and Immunoglobulins
RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(fragments, chimeric proteins containing Fc region; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(humanized; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Heart, disease
(hypertrophy; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Heart, disease
(infarction; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Cell proliferation
(inhibition or stimulation of; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Eye, disease
(macula, degeneration; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Antibodies and Immunoglobulins
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(monoclonal; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Heart, disease
(neoplasm; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Angiogenesis
Angiogenesis inhibitors
Antitumor agents
Cardiovascular agents
Cardiovascular system, disease
Gene therapy
Human

Mammalia
 Molecular cloning
 Protein sequences
 cDNA sequences
 (nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Proteins
 RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Fusion proteins (chimeric proteins)
 RL: BPN (Biosynthetic preparation); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Antibodies and Immunoglobulins
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Escherichia coli
 Yeast
 (recombinant expression host; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Proteins
 RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (secretory; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Antibodies and Immunoglobulins
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (single chain; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Muscle
 (smooth, inhibition or stimulation of; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Proteins
 RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (transmembrane; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Heart, disease
 (trauma; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Endothelium
 (vascular, diseases; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT Endothelium
 (vascular, inhibition of proliferation of; nucleic acid and protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

IT 393196-70-8P 393196-72-0P 393196-74-2P 393196-76-4P 393196-78-6P
 393196-80-0P 393196-82-2P 393196-84-4P 393196-86-6P 393196-88-8P
 393196-90-2P 393196-92-4P 393196-94-6P 393196-96-8P 393196-98-0P
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 393197-10-9P 393197-12-1P 393197-14-3P 393197-16-5P 393197-18-7P
 393197-20-1P 393197-22-3P 393197-24-5P 393197-26-7P 393197-28-9P
 393197-30-3P 393197-32-5P 393197-34-7P 393197-36-9P

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 393197-52-9P 393197-54-1P 393197-56-3P 393197-58-5P 393197-60-9P
 393197-62-1P 393197-64-3P 393197-66-5P 393197-68-7P 393880-97-2P
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 393881-09-9P 393881-11-3P 393881-13-5P 393881-15-7P 393881-17-9P
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 393883-67-5P 393883-69-7P

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; nucleic acid and protein comps. and methods for
 the diagnosis and treatment of disorders involving angiogenesis)

IT 551-11-1, Prostaglandin F2 α

RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
 (diseases associated with elevated levels of; nucleic acid and protein
 comps. and methods for the diagnosis and treatment of disorders
 involving angiogenesis)

IT 393196-69-5P 393196-71-9P 393196-73-1P 393196-75-3P 393196-77-5P
 393196-79-7P 393196-81-1P 393196-83-3P 393196-85-5P 393196-87-7P
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 393883-36-8P 393883-38-0P 393883-40-4P 393883-42-6P 393883-44-8P
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 393883-56-2P 393883-58-4P 393883-60-8P 393883-62-0P 393883-64-2P
 393883-66-4P 393883-68-6P

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)

(nucleotide sequence; nucleic acid and protein compns. and methods for
 the diagnosis and treatment of disorders involving angiogenesis)

IT 393884-34-9 393884-35-0 393884-36-1 393884-37-2 393884-38-3
 393884-39-4 393884-40-7 393884-41-8 393884-42-9

RL: PRP (Properties)

(unclaimed sequence; nucleic acid and protein compns. and methods for
 the diagnosis and treatment of disorders involving angiogenesis)

IT 393197-34-7P

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)

(amino acid sequence; nucleic acid and protein compns. and methods for
 the diagnosis and treatment of disorders involving angiogenesis)

RN 393197-34-7 HCAPLUS

CN Protein PRO730 (human clone DNA45624-1400) (9CI) (CA INDEX NAME)

SEQ 1 MGQCIGITSSK TVLVFLNLIF WGAAGILCYV GAYVFITYDD YDHFFEDVYT
 51 LIPAVVIAV GALLFIIGLI GCCATIRESR CGLATFVIIL LLVFTVEVVV
 101 VVLGYVYRAK VENEVDSIQ KVKTYNGTN PDAASRAIDY VQRQLHCCGI
 151 HNYSDWENTD WFKETKNQSV PLSCCRETAS NCNGSLAHPD DLYAEGCEAL
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 251 TYA

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TI Human nucleic acid and encoded protein compositions and methods for the
 diagnosis and treatment of disorders involving angiogenesis

IN Baker, Kevin P.; Ferrara, Napoleone; Gerber, Hanspeter; Gerritsen, Mary
 E.; Goddard, Audrey; Godowski, Paul J.; Gurney, Austin L.; Hillan, Kenneth
 J.; Marsters, Scot A.; Pan, James; Paoni, Nicholas F.; Stephan,
 Jean-philippe F.; Watanabe, Colin K.; Williams, P. Mickey; Wood, William
 I.; Ye, Weilan

PA Genentech, Inc., USA

SO PCT Int. Appl., 565 pp.

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LA English

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CC 3-3 (Biochemical Genetics)

Section cross-reference(s): 6, 13, 63

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PI	WO 2002000690	A2	20020103	WO 2001-US19692	20010620
	WO 2002000690	A3	20030313		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
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	EP 1466977	A1	20041013	EP 2004-7618	19991202
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	NZ 523207	A	20041224	NZ 2000-523207	20000211
	NZ 517395	A	20040130	NZ 2000-517395	20000309
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	WO 2001009327	A3	20010802		
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	US 6642024	B1	20031104	US 2000-643657	20000817
	WO 2001016319	A2	20010308	WO 2000-US23522	20000823
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	CA 2481685	AA	20010308	CA 2000-2481685	20000824
	CA 2481691	AA	20010308	CA 2000-2481691	20000824
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	WO 2001016318	A2	20010308	WO 2000-US23328	20000824
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	WO 2001049715	A3	20020404		
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 WO 2001040465 A2 20010607 WO 2000-US30873 20001110
 WO 2001040465 A3 20020321
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 AU 2001068028 A5 20010924 AU 2001-68028 20001129
 US 2002058309 A1 20020516 US 2001-866028 20010525
 US 6642360 B2 20031104
 CA 2419541 AA 20020228 CA 2001-2419541 20010530
 JP 2004520811 T2 20040715 JP 2002-522282 20010530
 AU 2001078852 A5 20020108 AU 2001-78852 20010620
 EP 1309620 A2 20030514 EP 2001-957073 20010620
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 EP 1309685 A2 20030514 EP 2001-951036 20010709
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 US 2002192659 A1 20021219 US 2001-902853 20010710
 US 2003044839 A1 20030306 US 2001-902903 20010710
 US 2003054400 A1 20030320 US 2001-902692 20010710
 US 2003003530 A1 20030102 US 2001-904011 20010711
 US 2003017463 A1 20030123 US 2001-903640 20010711
 US 2003044793 A1 20030306 US 2001-903786 20010711
 US 2003054401 A1 20030320 US 2001-903520 20010711
 US 2003054349 A1 20030320 US 2001-903943 20010711
 US 2002160374 A1 20021031 US 2001-905291 20010712
 US 2003036060 A1 20030220 US 2001-904859 20010712
 US 2003039969 A1 20030227 US 2001-904786 20010712
 US 2003054441 A1 20030320 US 2001-905056 20010712
 US 2003036094 A1 20030220 US 2001-904820 20010713
 US 2003054351 A1 20030320 US 2001-904462 20010713
 US 6878807 B2 20050412
 US 2003059828 A1 20030327 US 2001-904553 20010713
 US 2003059829 A1 20030327 US 2001-905381 20010713
 US 6818746 B2 20041116
 US 2003064367 A1 20030403 US 2001-904485 20010713
 US 2003064923 A1 20030403 US 2001-905348 20010713
 US 2003023054 A1 20030130 US 2001-906742 20010716
 US 2003027143 A1 20030206 US 2001-906838 20010716
 US 2003039971 A1 20030227 US 2001-906646 20010716
 US 6852848 B2 20050208
 US 2003039972 A1 20030227 US 2001-906700 20010716
 US 6723535 B2 20040420
 US 2002197671 A1 20021226 US 2001-907824 20010717
 US 2002198366 A1 20021226 US 2001-907841 20010717
 US 2003017498 A1 20030123 US 2001-908093 20010717
 US 2003027145 A1 20030206 US 2001-907613 20010717
 US 2003027146 A1 20030206 US 2001-907942 20010717
 US 2003054352 A1 20030320 US 2001-907925 20010717
 US 2002132240 A1 20020919 US 2001-909320 20010718
 US 2002146709 A1 20021010 US 2001-909088 20010718
 US 2003036061 A1 20030220 US 2001-909204 20010718
 US 2003059772 A1 20030327 US 2001-909064 20010718
 US 6818449 B2 20041116
 AU 758921 B2 20030403 AU 2001-57764 20010801
 AU 759004 B2 20030403 AU 2001-57765 20010801

CA 2420193	AA	20020228	CA 2001-2420193	20010823
WO 2002016602	A2	20020228	WO 2001-US26626	20010823
WO 2002016602	A3	20030206		
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AU 2001086785	A5	20020304	AU 2001-86785	20010823
US 2002161199	A1	20021031	US 2001-938418	20010823
EP 1311668	A2	20030521	EP 2001-966255	20010823
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US 2003203446	A1	20031030	US 2001-210028	20011018
US 2003104536	A1	20030605	US 2001-166709	20011019
US 2003180867	A1	20030925	US 2001-145089	20011019
US 2003186365	A1	20031002	US 2001-145017	20011019
US 2003186368	A1	20031002	US 2001-164728	20011019
US 2003190701	A1	20031009	US 2001-145124	20011019
US 2003190703	A1	20031009	US 2001-160502	20011019
US 2003190321	A1	20031009	US 2001-165247	20011019
US 2003194780	A1	20031016	US 2001-164829	20011019
US 2003194781	A1	20031016	US 2001-164929	20011019
US 2003207803	A1	20031106	US 2001-143026	20011019
US 2003170254	A1	20030911	US 2001-17191	20011024
US 2003187241	A1	20031002	US 2001-13926	20011025
US 2003199021	A1	20031023	US 2001-13924	20011025
US 2003119055	A1	20030626	US 2001-997585	20011115
US 2003119001	A1	20030626	US 2001-998041	20011115
US 2003124531	A1	20030703	US 2001-997614	20011115
US 2003134284	A1	20030717	US 2001-997529	20011115
US 2003224358	A1	20031204	US 2001-997641	20011115
US 2003194760	A1	20031016	US 2001-991150	20011116
US 2003130182	A1	20030710	US 2001-989862	20011119
US 2003139329	A1	20030724	US 2001-989725	20011120
US 2002192209	A1	20021219	US 2001-1054	20011130
US 2003180836	A1	20030925	US 2001-12064	20011207
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WO 2003000729	A2	20030103	WO 2001-US48938	20011213
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US 2002192752	A1	20021219	US 2002-53107	20020117
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US 2003180796	A1	20030925	US 2002-66203	20020201
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AU 772734	B2	20040506	AU 2002-14771	20020201
AU 778585	B2	20041209	AU 2002-14753	20020201
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US 2003194791	A1	20031016	US 2002-121046	20020411
US 2003190718	A1	20031009	US 2002-121055	20020412
US 2003190719	A1	20031009	US 2002-121057	20020412
US 2003190720	A1	20031009	US 2002-121058	20020412
US 2003190722	A1	20031009	US 2002-121060	20020412
US 2003199051	A1	20031023	US 2002-121048	20020412
US 2003199052	A1	20031023	US 2002-121052	20020412
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US 2003190725	A1	20031009	US 2002-123157	20020415
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US 2003199056	A1	20031023	US 2002-123212	20020415
US 2003199057	A1	20031023	US 2002-123213	20020415
US 2003199058	A1	20031023	US 2002-123291	20020415
US 2003199059	A1	20031023	US 2002-123322	20020415
US 2003199060	A1	20031023	US 2002-123771	20020415
US 2003190726	A1	20031009	US 2002-123906	20020416
US 2003199061	A1	20031023	US 2002-123911	20020416
US 2003203462	A1	20031030	US 2002-123913	20020416
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US 2003180923	A1	20030925	US 2002-139980	20020506
US 2003207414	A1	20031106	US 2002-139963	20020506
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US 2003207416	A1	20031106	US 2002-140023	20020506
US 2003207417	A1	20031106	US 2002-140805	20020507
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US 2003207359	A1	20031106	US 2002-141756	20020508
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US 2003207424	A1	20031106	US 2002-142425	20020509
US 2003207425	A1	20031106	US 2002-142430	20020509
US 2003207426	A1	20031106	US 2002-143113	20020509
US 2003148438	A1	20030807	US 2002-145821	20020514
US 2003170788	A1	20030911	US 2002-145634	20020514
US 2003166084	A1	20030904	US 2002-146793	20020515
US 2003207427	A1	20031106	US 2002-146730	20020515
US 2003207428	A1	20031106	US 2002-146792	20020515
US 2003134380	A1	20030717	US 2002-147509	20020516
US 2004214269	A1	20041028	US 2002-147518	20020516
US 2003180875	A1	20030925	US 2002-147505	20020517
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US 2003208055	A1	20031106	US 2002-157786	20020529
US 2003207429	A1	20031106	US 2002-158791	20020530
US 2005074837	A1	20050407	US 2002-158788	20020530
US 2003073169	A1	20030417	US 2002-173693	20020617
US 2003082767	A1	20030501	US 2002-173696	20020617
US 2003104538	A1	20030605	US 2002-173701	20020617
US 2003073170	A1	20030417	US 2002-174578	20020618
US 2003073171	A1	20030417	US 2002-175741	20020619
US 2003073172	A1	20030417	US 2002-175750	20020619
US 2003077732	A1	20030424	US 2002-175753	20020619
US 2003082715	A1	20030501	US 2002-175735	20020619
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US 2005170396	A1	20050804	US 2005-36869	20050114
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US 2005158830	A1	20050721	US 2005-80062	20050314
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US 2000-219556P	P	20000720		
US 2000-220624P	P	20000725		
US 2000-220664P	P	20000725		
WO 2000-US20710	W	20000728		
US 2000-222695P	P	20000802		
US 2000-643657	A	20000817		
WO 2000-US23522	W	20000823		
WO 2000-US23328	W	20000824		
US 2000-230978P	P	20000907		
US 2000-664610	A	20000918		
US 2000-665350	A	20000918		
US 2000-242922P	P	20001024		
US 2000-709238	A	20001108		
WO 2000-US30952	W	20001108		
WO 2000-US30873	W	20001110		
US 1997-56974P	P	19970826		
US 1997-59113P	P	19970917		
US 1997-59115P	P	19970917		
US 1997-59117P	P	19970917		
US 1997-59119P	P	19970917		
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US 1997-59263P	P	19970918		
US 1997-59266P	P	19970918		
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US 1997-63870P	P	19971031
US 1997-64103P	P	19971031
WO 1997-US20069	A	19971105
US 1997-65311P	P	19971113
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WO 1998-US19437	A	19980917
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WO 1999-US106	A	19990105
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WO 1999-US12252	A1	19990602
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US 1999-920594	A	19990908
WO 1999-US20594	A	19990908
US 1999-380913	A1	19990909
WO 1999-US20944	W	19990913
US 1999-153857P	P	19990914
US 1999-153904P	P	19990914
US 1999-921090	A	19990915
WO 1999-US21090	W	19990915
WO 1999-US21194	A	19990915

CLASS

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PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2002000690	IC	C07K014-00
EP 1466977	ECLA	C07K016/18
WO 2001009327	ECLA	C07K014/47A1A; C07K014/705R
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	ECLA	H05K007/14H; H05K007/20E
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	ECLA	C07K014/47; C07K014/47A1A; C07K014/705R; C07K016/18
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US 2003054400	NCL	435/007.100
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US 2003017463	NCL	435/006.000
US 2003044793	NCL	435/006.000
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US 2003054349	NCL	435/006.000
US 2002160374	NCL	435/006.000
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US 2003039969	NCL	435/006.000
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US 2003064367	NCL	435/006.000
US 2003064923	NCL	514/012.000
US 2003023054	NCL	536/023.100
US 2003027143	NCL	435/006.000
US 2003039971	NCL	435/006.000
US 2003039972	NCL	435/006.000
US 2002197671	NCL	435/069.100
US 2002198366	NCL	536/023.100
US 2003017498	NCL	435/007.100
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US 2002146709	NCL	435/006.000
US 2003036061	NCL	435/006.000
US 2003059772	NCL	435/006.000
US 2002161199	NCL	530/388.800
	ECLA	C07K014/705
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 US 2003203446 NCL 435/069.100
 ECLA C07K014/705
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 ECLA C07K014/705
 US 2003186365 NCL 435/069.100
 ECLA C07K014/47; C07K014/47A1A; C07K014/705
 US 2003186368 NCL 435/069.100
 ECLA C07K014/47; C07K014/705
 US 2003190701 NCL 435/069.100
 ECLA C07K014/47; C07K014/47A1A; C07K014/705; C07K014/705R
 US 2003190703 NCL 435/069.100
 ECLA C07K014/47; C07K014/705
 US 2003190321 NCL 424/185.100
 ECLA C07K014/705
 US 2003194780 NCL 435/069.100
 ECLA C07K014/47; C07K014/705
 US 2003194781 NCL 435/069.100
 ECLA C07K014/47; C07K014/705
 US 2003207803 NCL 514/012.000
 ECLA C07K014/47; C07K014/705
 US 2003170254 NCL 424/185.100
 ECLA C07K014/705
 US 2003187241 NCL 536/023.200
 ECLA C07K014/47; C07K014/47A1A; C07K014/705
 US 2003199021 NCL 435/069.100
 ECLA C07K014/705
 US 2003119055 NCL 435/007.100
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 US 2003124531 NCL 435/006.000
 US 2003134284 NCL 435/006.000
 US 2003224358 NCL 435/006.000
 US 2003194760 NCL 435/069.100
 US 2003130182 NCL 514/012.000
 US 2003139329 NCL 514/012.000
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 US 2003180836 NCL 435/069.100
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 US 2003186318 NCL 435/007.100
 US 2003187192 NCL 530/350.000
 US 2003044897 NCL 435/069.100
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 US 2003119097 NCL 435/069.100
 US 2003134327 NCL 435/007.100
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 C07K014/54; C07K014/545; C07K014/705R
 US 2002192752 NCL 435/069.100
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 JP 2005500030 FTERM 2G045/AA40; 2G045/BB03; 2G045/BB20; 2G045/CB01;
 2G045/CB17; 2G045/CB21; 2G045/DA12; 2G045/DA13;
 2G045/DA14; 2G045/DA36; 2G045/DA37; 2G045/FB02;
 2G045/FB03; 4B024/AA01; 4B024/AA11; 4B024/BA44;
 4B024/BA80; 4B024/CA01; 4B024/CA07; 4B024/DA02;
 4B024/DA05; 4B024/DA12; 4B024/GA11; 4B024/HA11;

4B024/HA17; 4B063/QA05; 4B063/QA18; 4B063/QQ79;
 4B063/QQ91; 4B063/QR77; 4B063/QR84; 4B063/QS15;
 4B063/QX01; 4B064/AG01; 4B064/CA02; 4B064/CA06;
 4B064/CA10; 4B064/CC24; 4B064/DA01; 4B065/AA01X;
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 4B065/CA25; 4B065/CA44; 4B065/CA46; 4C084/AA02;
 4C084/BA01; 4C084/BA02; 4C084/BA08; 4C084/BA19;
 4C084/BA20; 4C084/BA22; 4C084/NA14; 4C084/ZA69;
 4C084/ZA70; 4C084/ZC21; 4C084/ZC33; 4C084/ZC54;
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 4H045/DA76; 4H045/EA20; 4H045/EA50; 4H045/FA74
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 US 2003194791 NCL 435/183.000
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 US 2003170788 NCL 435/069.100

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US 2003166084	NCL	435/069.100
	ECLA	C07K014/47
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US 2003134380	NCL	435/069.100
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US 2004214269	NCL	435/069.100
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US 2003180875	NCL	435/069.100
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US 2004253666	NCL	435/069.100
	ECLA	C07K014/47; C07K014/705
US 2003199027	NCL	435/069.100
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US 2003129695	NCL	435/069.100
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US 2003082767	NCL	435/183.000
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US 2003044930	NCL	435/069.100
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US 2003104542	NCL	435/069.100
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US 2003068696	NCL	435/069.100
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US 2003153037	NCL	435/069.100
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US 2003049747	NCL	435/069.100
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US 2003071834	NCL	715/700.000
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US 2003215910	NCL	435/069.100
US 2003180881	NCL	435/069.100
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US 2003073184	NCL	435/069.100
US 2003073185	NCL	435/069.100
US 2003215912	NCL	435/069.100
US 2004048335	NCL	435/069.100
US 2003082199	NCL	424/185.100
US 2004242843	NCL	530/350.000
US 2004044179	NCL	530/350.000
US 2003100497	NCL	514/012.000
US 2003105011	NCL	514/012.000
US 2003105012	NCL	514/012.000
US 2003105013	NCL	514/012.000
US 2003109438	NCL	514/012.000
US 2003119112	NCL	435/069.100
US 2003125521	NCL	530/350.000
US 2003186866	NCL	514/012.000
US 2003191059	NCL	514/012.000
US 2003104558	NCL	435/069.100
US 2004006206	NCL	530/350.000
US 2003138896	NCL	435/069.100
	ECLA	C07K014/47; C07K014/47A1A; C07K014/705
US 2003119117	NCL	435/069.100
US 2003138897	NCL	435/069.100
US 2003138898	NCL	435/069.100
US 2003068780	NCL	435/069.100
US 2003113852	NCL	435/069.100
US 2003119128	NCL	435/069.100

	ECLA	C07K014/47; C07K014/47A1A; C07K014/705
US 2003108544	NCL	424/141.100
	ECLA	C07K014/47
US 2003120056	NCL	536/023.500
	ECLA	A61K047/48R2F; C07K014/515
US 2003144498	NCL	536/023.500
	ECLA	A61K047/48R2F; C07K014/515
US 2004249141	NCL	536/023.500
	ECLA	A61K047/48R2F; C07K014/515
US 2003224984	NCL	514/012.000
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US 2003199044	NCL	435/069.520
US 2004229307	NCL	435/069.100
US 2004258710	NCL	424/190.100
	ECLA	C07K014/52A
US 2005019823	NCL	435/006.000
	ECLA	C07K014/47
US 2005153396	NCL	435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.200
	ECLA	C07K014/47
US 2005153348	NCL	435/006.000; 435/007.230
	ECLA	C07K014/47
US 2005176041	NCL	435/006.000
US 2005164266	NCL	435/006.000; 435/007.100; 435/287.200
US 2005170396	NCL	435/006.000; 435/007.200
US 2005176046	NCL	435/006.000; 435/007.230
US 2005170458	NCL	435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.200
US 2005176104	NCL	435/069.300; 530/350.000; 435/320.100; 435/325.000; 530/388.800; 536/023.500
US 2005136515	NCL	435/069.100
	ECLA	C07K014/47
US 2005136475	NCL	435/006.000
	ECLA	C07K014/47; C07K014/705
US 2005158830	NCL	435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.200
AB	<p>Compns. and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Thus, 187 cDNA clones encoding secreted and/or transmembrane proteins were isolated from various human cDNA libraries using extracellular domain homol. screening, amylase screening, and signal algorithm anal. The proteins exhibit useful biol. activities in various assays: stimulation of endothelial cell proliferation, inducing cardiac hypertrophy, inducing endothelial cell apoptosis, stimulating smooth muscle cell growth, inducing angiogenesis by stimulating endothelial cell tube formation in HUVEC cells, and induction of c-fos in HUVEC cells. Pharmaceutical compns. are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compns. herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy. In addition, the present invention is directed to novel polypeptides and to nucleic acid mols. encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide mols. comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.</p>	
ST	<p>secretory transmembrane protein cDNA sequence human; angiogenesis diagnosis treatment human protein cDNA; endothelial cell proliferation human protein cDNA</p>	
IT	<p>Animal cell line (CHO, recombinant expression host; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)</p>	
IT	<p>Animal cell line</p>	

- (HUVEC, stimulating proliferation of; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Artery
Surgery
(angioplasty, treatment following; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Gene, animal
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(c-fos, induction of; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Hypertrophy
(cardiac; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Cell proliferation
(endothelial; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Blood vessel
(endothelium, proliferation disorders; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Protein motifs
(extracellular domain; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Antibodies and Immunoglobulins
RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(fragments; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Angiogenesis
Cardiovascular agents
Cardiovascular system, disease
Drug screening
Gene therapy
Human
Mammalia
Molecular cloning
Neoplasm
Protein sequences
cDNA sequences
(human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Antibodies and Immunoglobulins
RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Antibodies and Immunoglobulins
RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(humanized; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Heart, disease
(hypertrophy; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Heart, disease
(infarction; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)
- IT Eye, disease
(macula, degeneration; human nucleic acid and encoded protein compns. and methods for the diagnosis and treatment of disorders involving angiogenesis)

angiogenesis)

IT Antibodies and Immunoglobulins
 RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (monoclonal; human nucleic acid and encoded protein compns. and methods
 for the diagnosis and treatment of disorders involving angiogenesis)

IT Escherichia coli
 Yeast
 (recombinant expression host; human nucleic acid and encoded protein
 compns. and methods for the diagnosis and treatment of disorders
 involving angiogenesis)

IT Proteins
 RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)
 (secretory; human nucleic acid and encoded protein compns. and methods
 for the diagnosis and treatment of disorders involving angiogenesis)

IT Antibodies and Immunoglobulins
 RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (single chain; human nucleic acid and encoded protein compns. and
 methods for the diagnosis and treatment of disorders involving
 angiogenesis)

IT Muscle
 (smooth, stimulation of cell growth in; human nucleic acid and encoded
 protein compns. and methods for the diagnosis and treatment of
 disorders involving angiogenesis)

IT Apoptosis
 (stimulation of endothelial cell; human nucleic acid and encoded
 protein compns. and methods for the diagnosis and treatment of
 disorders involving angiogenesis)

IT Proteins
 RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)
 (transmembrane; human nucleic acid and encoded protein compns. and
 methods for the diagnosis and treatment of disorders involving
 angiogenesis)

IT Injury
 (trauma; human nucleic acid and encoded protein compns. and methods for
 the diagnosis and treatment of disorders involving angiogenesis)

IT Chemotherapy
 Cytotoxic agents
 (treatment in combination with; human nucleic acid and encoded protein
 compns. and methods for the diagnosis and treatment of disorders
 involving angiogenesis)

IT Endothelium
 (vascular, proliferation disorders; human nucleic acid and encoded
 protein compns. and methods for the diagnosis and treatment of
 disorders involving angiogenesis)

IT 384381-49-1P 384381-51-5P 384381-53-7P 384381-55-9P 384381-57-1P
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 384381-99-1P 384382-01-8P 384382-03-0P 384382-05-2P, Protein PRO7248
 (human clone DNA44195) 384382-07-4P 384382-09-6P 384382-11-0P
 384382-13-2P 384382-15-4P 384382-17-6P 384382-19-8P
 384382-21-2P 384382-23-4P, Protein PRO7261 (human clone DNA49149)
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RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
 DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); BIOL
 (Biological study); PREP (Preparation); USES (Uses)
 (amino acid sequence; human nucleic acid and encoded protein compns.
 and methods for the diagnosis and treatment of disorders involving
 angiogenesis)

IT	384381-48-0P	384381-50-4P	384381-52-6P	384381-54-8P	384381-56-0P
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and methods for the diagnosis and treatment of disorders involving
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L9 ANSWER 15 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:693506 HCAPLUS

DN 135:268240

ED Entered STN: 21 Sep 2001

TI Secreted and transmembrane polypeptides and human nucleic acids encoding
them that are overexpressed in cancerous tissues

IN Baker, Kevin P.; Chen, Jian; Desnoyers, Luc; Goddard, Audrey; Godowski,
Paul J.; Gurney, Austin L.; Pan, James; Smith, Victoria; Watanabe, Colin
K.; Wood, William I.; Zhang, Zemin

PA Genentech, Inc., USA

SO PCT Int. Appl., 774 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM C12N015-12

ICS C12N015-62; C07K014-47; C07K014-705; C07K016-18; G01N033-53;
C12Q001-68

CC 3-3 (Biochemical Genetics)

Section cross-reference(s): 6, 13, 14

FAN.CNT 123

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PI	WO 2001068848	A2	20010920	WO 2001-US6520	20010228
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NZ 528704 A 20050225 NZ 1999-528704 19990308
 EP 1466977 A1 20041013 EP 2004-7618 19991202
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 WO 2000056889 A2 20000928 WO 2000-US5601 20000301
 WO 2000056889 A3 20010426

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WO 2000053758 A2 20000914 WO 2000-US5841 20000302
 WO 2000053758 A3 20010208

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NZ 517395 A 20040130 NZ 2000-517395 20000309
 WO 2001005972 A1 20010125 WO 2000-US6884 20000315

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WO 2000073454 A1 20001207 WO 2000-US8439 20000330

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CA 2380355 AA 20010308 CA 2000-2380355 20000824
 CA 2481685 AA 20010308 CA 2000-2481685 20000824
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 CA 2481731 AA 20010308 CA 2000-2481731 20000824
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US 2002058309 A1 20020516 US 2001-866028 20010525
 US 6642360 B2 20031104
 US 2003199034 A1 20031023 US 2001-156846 20010528
 CA 2419541 AA 20020228 CA 2001-2419541 20010530
 JP 2004520811 T2 20040715 JP 2002-522282 20010530
 EP 1286749 A1 20030305 EP 2001-939834 20010601

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 AU 2001070118 A5 20020304 AU 2001-70118 20010622
 AU 2001073150 A5 20020130 AU 2001-73150 20010702
 AU 2001071973 A5 20020205 AU 2001-71973 20010709
 AU 758921 B2 20030403 AU 2001-57764 20010801
 AU 759004 B2 20030403 AU 2001-57765 20010801
 WO 2002016581 A2 20020228 WO 2001-US25464 20010814
 WO 2002016581 A3 20030116
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 WO 2002016602 A2 20020228 WO 2001-US26626 20010823
 WO 2002016602 A3 20030206
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 AU 2001086785 A5 20020304 AU 2001-86785 20010823
 US 2002161199 A1 20021031 US 2001-938418 20010823
 JP 2004520810 T2 20040715 JP 2002-522275 20010823
 US 2002102647 A1 20020801 US 2001-944449 20010830
 US 2002110859 A1 20020815 US 2001-944457 20010830
 US 6734288 B2 20040511
 US 2002132981 A1 20020919 US 2001-944396 20010830
 US 2002142958 A1 20021003 US 2001-943762 20010830
 US 2002142419 A1 20021003 US 2001-944432 20010830
 US 2002156004 A1 20021024 US 2001-944413 20010830
 US 2002165143 A1 20021107 US 2001-944403 20010830
 US 2002115145 A1 20020822 US 2001-944862 20010831
 US 2002127643 A1 20020912 US 2001-945587 20010831
 US 2002132768 A1 20020919 US 2001-945015 20010831
 US 2002142959 A1 20021003 US 2001-944654 20010831
 US 2002173463 A1 20021121 US 2001-944944 20010831
 US 2002198147 A1 20021226 US 2001-944907 20010831
 AU 2002016610 A5 20020402 AU 2002-16610 20010919
 US 2002137909 A1 20020926 US 2001-964994 20010926
 US 6740520 B2 20040525
 US 2003207803 A1 20031106 US 2001-143026 20011019
 US 2003170254 A1 20030911 US 2001-17191 20011024
 US 2003199021 A1 20031023 US 2001-13924 20011025
 WO 2002070706 A2 20020912 WO 2001-US48060 20011207

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EP 1397383 A2 20040317 EP 2001-990229 20011213

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US 2002090681 A1 20020711 US 2001-36342 20011226

AU 772759 B2 20040506 AU 2002-14767 20020201

AU 772723 B2 20040506 AU 2002-14769 20020201

AU 772734 B2 20040506 AU 2002-14771 20020201

AU 778585 B2 20041209 AU 2002-14753 20020201

CA 2449602 AA 20021219 CA 2002-2449602 20020403

WO 2002101069 A2 20021219 WO 2002-US10513 20020403

WO 2002101069 A3 20030904

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EP 1402260 A2 20040331 EP 2002-731246 20020403

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

JP 2005500030 T2 20050106 JP 2003-503819 20020403

US 2003039648 A1 20030227 US 2002-125166 20020417

US 2003087349 A1 20030508 US 2002-125928 20020419

US 2003087355 A1 20030508 US 2002-127828 20020422

US 2003027992 A1 20030206 US 2002-63524 20020502

US 2003027993 A1 20030206 US 2002-63537 20020502

US 2003027212 A1 20030206 US 2002-63544 20020502

US 2003027986 A1 20030206 US 2002-63549 20020502

US 2003045684 A1 20030306 US 2002-63553 20020502

US 2003055222 A1 20030320 US 2002-63534 20020502

US 2003013855 A1 20030116 US 2002-63616 20020503

US 2003050462 A1 20030313 US 2002-63598 20020503

US 2003092110 A1 20030515 US 2002-137864 20020503

US 2003092111 A1 20030515 US 2002-137869 20020503

US 2003138885 A1 20030724 US 2002-140018 20020506

US 2003143674 A1 20030731 US 2002-140274 20020506

US 2003134354 A1 20030717 US 2002-140807 20020507

US 2003134355 A1 20030717 US 2002-140924 20020507

US 2003134356 A1 20030717 US 2002-140926 20020507

US 2003138889 A1 20030724 US 2002-140922 20020507

US 2003148425 A1 20030807 US 2002-140861 20020507

US 2003207352 A1 20031106 US 2002-140806 20020507

US 2003207353 A1 20031106 US 2002-140810 20020507

US 2003207354 A1 20031106 US 2002-140863 20020507

US 2003207355 A1 20031106 US 2002-140923 20020507

US 2004009548 A1 20040115 US 2002-140927 20020507

US 2003134357 A1 20030717 US 2002-141698 20020508

US 2003148427 A1 20030807 US 2002-141697 20020508

US 2003148428 A1 20030807 US 2002-141700 20020508

US 2003148429 A1 20030807 US 2002-141705 20020508

US 2003148430 A1 20030807 US 2002-141753 20020508

US 2003148431 A1 20030807 US 2002-141758 20020508

US 2003148432 A1 20030807 US 2002-141761 20020508

US 2003207356	A1	20031106	US 2002-141699	20020508
US 2003207358	A1	20031106	US 2002-141706	20020508
US 2003207360	A1	20031106	US 2002-141757	20020508
US 2003207362	A1	20031106	US 2002-141762	20020508
US 2003134360	A1	20030717	US 2002-142421	20020509
US 2003134361	A1	20030717	US 2002-142432	20020509
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US 2003148435	A1	20030807	US 2002-142422	20020509
US 2003148436	A1	20030807	US 2002-142427	20020509
US 2003157606	A1	20030821	US 2002-142888	20020509
US 2003157607	A1	20030821	US 2002-143034	20020509
US 2003157608	A1	20030821	US 2002-143116	20020509
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WO 1999-US31274	W	19991230
WO 2000-US219	A	20000105
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WO 2000-US3565	W	20000211
WO 2000-US4341	A1	20000218

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WO 2000-US23522	W	20000823
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US 2000-644610	A1	20000824
WO 2000-US23328	W	20000824
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US 2000-230621P	P	20000905
US 2000-232887P	P	20000915
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US 2000-665350	A	20000918
US 2000-235147P	P	20000922
US 2000-235451P	P	20000926
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US 2000-242922P	P	20001024
US 2000-709238	A	20001108
WO 2000-US30952	W	20001108
WO 2000-US30873	W	20001110
US 2000-253646P	P	20001128
WO 2000-US32678	W	20001201
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US 2001-747259	A1	20001220
WO 2000-US34956	W	20001220
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US 2001-261910P	P	20010116
US 2001-261939P	P	20010116
US 2001-262150P	P	20010116
US 2001-767609	A	20010122
US 2001-267623P	P	20010209
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WO 2001-US6520	W	20010228
WO 2001-US6666	W	20010301
US 2001-274399P	P	20010309
US 2001-802706	A	20010309
US 2001-808689	A	20010314

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US 2001-816920	B1	20010322
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US 2001-282199P	P	20010404
US 2001-828366	A	20010405
US 2001-290589P	P	20010509
US 2001-854208	A	20010510
US 2001-854280	A	20010510
US 2001-866028	A	20010525
WO 2001-US17092	W	20010525
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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2001068848	ICM	C12N015-12
	ICS	C12N015-62; C07K014-47; C07K014-705; C07K016-18; G01N033-53; C12Q001-68
EP 1466977	ECLA	C07K016/18
WO 2000056889	ECLA	C07K014/47A1A; C07K014/705R
WO 2000053758	ECLA	C07K014/47A1A; C07K014/705R; C07K016/18; C12N015/10; C12Q001/68D4+531/113+521/331
WO 2001005972	ECLA	C07K014/47; C07K014/47A1A
US 2002058309	NCL	435/069.100
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US 2003199034	NCL	435/069.100
JP 2004520811	FTERM	2G045/AA34; 2G045/AA35; 2G045/BB05; 2G045/BB10; 2G045/BB14; 2G045/BB20; 2G045/BB29; 2G045/BB46; 2G045/BB50; 2G045/BB51; 2G045/CB01; 2G045/DA13; 2G045/FA29; 2G045/FB02; 2G045/FB03; 2G045/FB06; 2G045/FB12; 2G045/GC10; 2G045/GC15; 4B024/AA01; 4B024/AA11; 4B024/BA26; 4B024/CA02; 4B024/CA04; 4B024/DA02; 4B024/DA06; 4B024/DA12; 4B024/HA17; 4B063/QA18; 4B063/QA19; 4B063/QQ43; 4B063/QR55; 4B063/QR77; 4B063/QR80; 4B063/QS34; 4B064/AG03; 4B064/AG27; 4B064/CA02; 4B064/CA06; 4B064/CA10; 4B064/CA19; 4B064/CC24; 4B064/DA01; 4B064/DA13; 4B065/AA26; 4B065/AA72; 4B065/AA90; 4B065/AB01; 4B065/BA02; 4B065/CA24; 4B065/CA44; 4B065/CA46; 4C084/AA17; 4C084/DC50; 4C084/NA14; 4C084/ZA661; 4C085/AA14; 4C085/BB11; 4C085/CC02; 4C085/CC21; 4C086/AA01; 4C086/AA02; 4C086/EA16; 4C086/MA03; 4C086/MA05; 4C086/NA14; 4C086/ZA66; 4H045/AA10; 4H045/AA11; 4H045/AA20; 4H045/AA30; 4H045/BA10; 4H045/BA41; 4H045/CA40; 4H045/DA02; 4H045/DA76; 4H045/EA27; 4H045/FA74
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US 2002137909	NCL	536/023.100
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US 2005153396	NCL	435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.200
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US 2005164266	NCL	435/006.000; 435/007.100; 435/287.200
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US 2005176104	NCL	435/069.300; 530/350.000; 435/320.100; 435/325.000; 530/388.800; 536/023.500
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US 2005158830	NCL	435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.200

AB The present invention is directed to novel polypeptides and to nucleic acid mols. encoding those polypeptides. Thus, 305 cDNAs encoding human secreted or transmembrane proteins were identified by extracellular domain homol. screening, amylase screening, and signal algorithm anal. These transcripts for these proteins are overexpressed in various cancerous

- tissues, including adrenal, lung, colon, breast, prostate, rectal, cervical, and liver tumors. Certain of the proteins stimulate release of tumor necrosis factor- α from human blood, and also stimulate proliferation or differentiation of chondrocytes. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide mols. comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.
- ST protein secretory transmembrane cDNA sequence human; tumor secretory transmembrane protein overexpression
- IT Animal cell line
(293, recombinant expression host; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Animal cell line
(CHO, recombinant expression host; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Animal cell
(baculovirus-infected insect, recombinant expression host; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Diagnosis
(cancer; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Uterus, neoplasm
(cervix; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Antibodies
RL: BPN (Biosynthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(chimeric; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Intestine, neoplasm
(colon; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Intestine, neoplasm
(colorectal; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Protein motifs
(extracellular domain; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Antibodies
RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(humanized; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Antibodies
RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(monoclonal; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Mammary gland
Prostate gland
(neoplasm; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Escherichia coli
Yeast
(recombinant expression host; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Adrenal gland, neoplasm
Liver, neoplasm
Lung, neoplasm

Molecular cloning

Neoplasm

Protein sequences

Tumor markers

cDNA sequences

(secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)

- IT Antibodies
 - Probes (nucleic acid)
 - RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 - (secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Fusion proteins (chimeric proteins)
 - RL: BPN (Biosynthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 - (secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Tumor necrosis factors
 - RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
 - (secretion stimulation in blood; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Proteins, specific or class
 - RL: ANT (Analyte); BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
 - (secretory; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Antibodies
 - RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 - (single chain; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Cell differentiation
 - Cell proliferation
 - (stimulation of chondrocyte; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Chondrocyte
 - (stimulation of differentiation or proliferation of; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT Proteins, specific or class
 - RL: ANT (Analyte); BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
 - (transmembrane; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)
- IT

151185-21-6	160575-51-9	185229-04-3	200145-68-2	202669-30-5
203876-08-8	204868-81-5	205704-98-9, Protein (human Th1 cell-specific)		
208065-42-3, Protein (human gene LU103)	208472-38-2	208668-52-4		
208668-58-0	209209-94-9, Protein (human gene ASP1)	209334-83-8		
209859-57-4	210044-19-2	211749-90-5	212704-82-0	213464-65-4
213471-70-6, Protein zsig32 (human)	213474-05-6	214684-34-1		
217795-43-2, Protein (human clone HP10230)	217795-45-4, Protein (human clone HP10408)	217795-48-7, Protein (human clone HP10419)	218438-77-8,	
Protein LS170 (human clone 1355520IH)	218948-50-6	219709-98-5		
220104-93-8, Protein DC3 (human dendritic cells)	220483-73-8			
220710-70-3	220793-26-0, Protein PIGR-1 (human)	221079-13-6		
221216-74-6	221266-03-1	221369-75-1	221369-76-2	221369-81-9
221455-95-4	221877-69-6	221877-79-8	221877-95-8	221878-41-7
221879-04-5	221879-28-3	221879-33-0	221890-47-7	221896-58-8

223415-76-7, Protein PRO358 (human clone DNA47361) 224301-63-7
 224302-02-7 225373-34-2 226934-74-3 226934-79-8 226934-81-2
 227792-85-0 230288-46-7 233272-65-6, Glypican 6 (human) 235087-98-6
 235088-04-7 235787-35-6 242794-87-2 242794-89-4 242795-08-0
 242795-28-4 242795-30-8 242795-45-5 242795-93-3 242796-09-4
 242796-11-8 242796-13-0 243122-08-9 243122-10-3 243122-49-8
 243122-52-3 243122-70-5 243122-74-9 243123-25-3 243123-45-7
 243646-92-6, Protein (human prostate 371-amino acid) 244004-81-7
 244028-85-1 249610-95-5 249619-76-9, Peflin (human fetus)
 251100-02-4, Interleukin 21 (human) 251926-73-5 251929-75-6
 252049-74-4 252049-82-4 252049-85-7 252049-94-8 252050-03-6
 252050-18-3 252050-28-5 252050-31-0 252050-35-4 252050-53-6
 252050-55-8 252050-58-1 252050-63-8 252050-78-5 252050-81-0
 252050-83-2 252050-85-4 252051-00-6 252051-07-3 252051-27-7
 252051-38-0 252051-43-7 252051-45-9 252051-59-5 252051-66-4
 252052-09-8 252193-66-1 252196-58-0 252196-69-3 252196-74-0
 252196-77-3 252196-79-5 252196-81-9 252196-83-1 252196-85-3
 252196-88-6 252196-92-2 252196-96-6 252196-98-8 252197-10-7
 252197-14-1 252197-23-2 252197-34-5 252197-41-4 252197-45-8
 252197-48-1 252197-51-6 252197-53-8 252197-91-4 252198-28-0
 252198-32-6 252726-25-3, Carbonic anhydrase 14 (human) 252727-87-0,
 Protein (human gene DKK-2 precursor) 252727-88-1, Protein (human gene
 SGY-1 precursor) 253418-65-4 253418-75-6 253418-76-7 253419-00-0
 253419-11-3 253419-20-4 253419-24-8 253419-42-0 253579-88-3
 255888-96-1 259519-97-6 260237-14-7 260342-54-9 260342-55-0
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 297774-92-6 297774-95-9 297774-96-0 299466-36-7, Protein CGI-31
 (human) 300425-62-1 301252-54-0 303809-45-2 304029-43-4
 312333-93-0 312334-32-0, Protein PRO3301 (human clone DNA88002)
 312334-52-4, Cytokine zsig81 (human) 313408-13-8 314326-52-8
 314326-55-1 317394-09-5 321202-67-9 326833-73-2 326936-34-9,
 Protein (human clone THYRO1000570) 326944-83-6 329286-29-5
 329286-30-8

RL: ANT (Analyte); BOC (Biological occurrence); BSU (Biological study,
 unclassified); PRP (Properties); THU (Therapeutic use); ANST (Analytical
 study); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
 (amino acid sequence; secreted and transmembrane polypeptides and human
 nucleic acids encoding them that are overexpressed in cancerous
 tissues)

IT 329799-91-9 329799-99-7 329800-00-2 329800-07-9 329800-10-4
 329800-21-7 329800-25-1 339216-30-7 339596-83-7 343902-10-3,
 Protein PRO4978 (human clone DNA95930) 344007-43-8 346013-08-9
 350264-81-2 350856-64-3 354592-21-5 362539-87-5 362539-96-6
 362539-97-7 362540-02-1 362540-13-4 362540-23-6 362540-27-0
 362641-73-4 362641-86-9 362641-97-2 362642-14-6 362642-18-0
 362642-22-6 362642-23-7 362642-26-0 362642-28-2 362642-29-3
 362642-31-7 362642-35-1 362642-39-5 362642-42-0 362642-44-2
 362642-46-4 362642-48-6 362642-51-1 362642-55-5 362642-57-7
 362642-59-9 362642-61-3 362642-63-5 362642-65-7 362642-67-9
 362642-69-1 362642-71-5 362642-73-7 362642-75-9
 362642-78-2 362642-80-6 362642-84-0 362642-86-2 362642-88-4
 362642-91-9 362642-93-1 362642-95-3 362642-97-5 362642-99-7
 362643-01-4 362643-04-7 362643-06-9 362643-08-1 362643-10-5
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 362643-27-4 362643-29-6 362643-31-0

RL: ANT (Analyte); BOC (Biological occurrence); BSU (Biological study,

unclassified); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
(amino acid sequence; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)

IT	156584-26-8	221877-64-1	221877-68-5	221877-78-7	221877-89-0
	226934-66-3	226934-78-7	226934-80-1	242794-86-1	242794-88-3
	242794-92-9	242794-96-3	242795-01-3	242795-02-4	242795-13-7
	242795-27-3	242795-29-5	242795-73-9	242795-76-2	242796-03-8
	242796-12-9	243121-92-8	243122-07-8	243122-09-0	243122-46-5
	243122-92-1	243123-24-2	243446-82-4	252049-73-3	252049-81-3
	252050-10-5	252050-17-2	252050-34-3	252050-45-6	252050-46-7
	252050-60-5	252050-62-7	252050-65-0	252050-76-3	252050-84-3
	252050-94-5	252051-26-6	252051-28-8	252051-37-9	252051-57-3
	252051-65-3	252196-57-9	252196-64-8	252196-66-0	252196-67-1
	252196-75-1	252196-76-2	252196-78-4	252196-80-8	252196-87-5
	252196-89-7	252196-95-5	252196-97-7	252197-09-4	252197-22-1
	252197-32-3	252197-43-6	252197-47-0	252197-50-5	252197-61-8
	252197-78-7	252197-86-7	252198-26-8	252198-33-7	252198-39-3
	252199-32-9	260342-38-9	260342-39-0	260342-40-3	260342-41-4
	260342-44-7	260342-46-9	260342-47-0	260533-84-4	260533-86-6
	260533-90-2	260533-94-6	260533-99-1	260534-00-7	260534-13-2
	260534-21-2	260534-22-3	260534-23-4	260534-24-5	260534-26-7
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	260534-35-8	260534-41-6	260534-42-7	260534-45-0	260534-46-1
	260534-47-2	260534-48-3	260534-51-8	260534-52-9	260534-53-0
	260534-54-1	260534-56-3	260534-57-4	260534-58-5	260534-62-1
	260534-64-3	260534-67-6	260534-68-7	260534-69-8	260534-71-2
	260534-74-5	260534-76-7	260534-79-0	260534-83-6	260534-85-8
	260534-86-9	297777-21-5	297774-68-6	297774-71-1	297774-75-5
	297774-78-8	297774-84-6	312333-89-4	312333-90-7	312334-04-6
	312334-13-7	312334-14-8	312334-20-6	312334-22-8	312334-31-9
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	313408-54-7	314326-33-5	314326-39-1	314326-41-5	314326-50-6
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	329165-21-1	329165-22-2	329165-23-3	329165-24-4	329165-26-6
	329165-28-8	329165-29-9	329165-33-5	329165-35-7	329170-43-6
	343902-09-0	362539-86-4	362539-88-6	362539-89-7	362539-90-0
	362539-91-1	362539-92-2	362539-93-3	362539-94-4	362539-95-5
	362539-98-8	362539-99-9	362540-00-9	362540-01-0	362540-03-2
	362540-04-3	362540-05-4	362540-06-5	362540-07-6	362540-08-7
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	362540-26-9	362641-72-3	362641-74-5	362641-75-6	362641-76-7
	362641-77-8	362641-78-9	362641-79-0	362641-80-3	362641-81-4
	362641-82-5	362641-83-6	362641-84-7	362641-85-8	362641-87-0
	362641-88-1	362641-89-2	362641-90-5	362641-91-6	362641-92-7
	362641-93-8	362641-94-9	362641-95-0	362641-96-1	362641-98-3
	362641-99-4	362642-00-0	362642-01-1	362642-02-2	362642-03-3
	362642-04-4	362642-05-5	362642-06-6	362642-07-7	362642-08-8
	362642-09-9				

RL: ANT (Analyte); BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
(nucleotide sequence; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)

IT	362642-10-2	362642-11-3	362642-12-4	362642-13-5	362642-15-7
	362642-16-8	362642-17-9	362642-19-1	362642-20-4	362642-21-5
	362642-24-8	362642-25-9	362642-27-1	362642-30-6	362642-32-8
	362642-33-9	362642-34-0	362642-36-2	362642-37-3	362642-38-4
	362642-40-8	362642-41-9	362642-43-1	362642-45-3	362642-47-5
	362642-49-7	362642-50-0	362642-52-2	362642-53-3	362642-54-4
	362642-56-6	362642-58-8	362642-60-2	362642-62-4	362642-64-6
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 362643-26-3 362643-28-5 362643-30-9 362643-32-1

RL: ANT (Analyte); BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
 (nucleotide sequence; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)

IT 244294-31-3, PN: WO9949028 SEQID: 2 unclaimed DNA 244294-32-4, PN: WO9949028 SEQID: 3 unclaimed DNA

RL: PRP (Properties)
 (unclaimed nucleotide sequence; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)

IT 362642-73-7

RL: ANT (Analyte); BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); USES (Uses)
 (amino acid sequence; secreted and transmembrane polypeptides and human nucleic acids encoding them that are overexpressed in cancerous tissues)

RN 362642-73-7 HCAPLUS

CN Protein PRO9741 (human clone DNA108728-2760 precursor) (9CI) (CA INDEX NAME)

SEQ 1 MSAMKSVLPL LNPYCVLAFV YACMCVRAHV CVCVYMCMCV LCACVCTCRK
 51 KVMCGNGEFQ PRRRLCLGLP REVVTLRETG SKCTLPSSSL CDLGQVTSAP

L9 ANSWER 16 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:514493 HCAPLUS

DN 135:223287

ED Entered STN: 17 Jul 2001

TI A novel exosite on coagulation factor VIIa and its molecular interactions with a new class of peptide inhibitors

AU Roberge, Martin; Santell, Lydia; Dennis, Mark S.; Eigenbrot, Charles; Dwyer, Mary A.; Lazarus, Robert A.

CS Department of Protein Engineering, Genentech Inc., South San Francisco, CA, 94080, USA

SO Biochemistry (2001), 40(32), 9522-9531
 CODEN: BICHAW; ISSN: 0006-2960

PB American Chemical Society

DT Journal

LA English

CC 7-3 (Enzymes)

Section cross-reference(s): 13

AB A new inhibitory peptide binding exosite on the protease domain of coagulation Factor VIIa (FVIIa) has been identified. A novel series of peptide inhibitors of FVIIa, termed the "A-series" peptides, identified from peptide phage libraries and exemplified by peptide A-183, specifically bind at a site that is distinct from both the active site and the exosite of another recently described peptide inhibitor of FVIIa, E-76. Peptide A-183 prolonged TF-dependent clotting in human, but not rabbit plasma. Thus, a panel of human FVIIa mutants, containing 70 of the 76 rabbit sequence differences in the protease domain, localized the binding site to residues in the 60s loop and the C-terminus. The location of the exosite was refined by a series of FVIIa alanine mutants, which showed that proximal residues Trp 61 and Leu 251 were critical for binding. Kinetic

and equilibrium binding consts. for zymogen FVII, FVIIa and TF·FVIIa were determined using immobilized N-terminal biotinylated A-183 by surface plasmon resonance. No peptide binding to nine other human serine proteases was observed. Key residues on the peptide were determined from binding to FVIIa and inhibition of FX activation using a series of alanine mutants of A-183 fused to the Z domain of protein A. Anal. of the mutagenesis data is presented in the context of a crystal structure of A-183 in complex with a version of zymogen FVII. The shape and proximity of this exosite to the active site may lend itself towards the design of new anticoagulants that inhibit FVIIa.

ST coagulation factor VIIa exosite peptide inhibitor

IT Protein motifs

(protease domain; protease domain exosite on coagulation factor VIIa and mol. interactions with A-series peptide inhibitors)

IT 9001-25-6, Blood-coagulation factor VII 9035-58-9D, Blood-coagulation factor III, complexes with coagulation factor VIIa 65312-43-8D, Coagulation Factor VIIa, complexes with tissue factor

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(peptide inhibitors binding to coagulation factor VII and tissue factor complexes with coagulation factor VIIa)

IT 319927-97-4 325722-51-8 325722-64-3 358740-54-2 358740-54-2D, biotinylated derivs.

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

(protease domain exosite on coagulation factor VIIa and mol. interactions with A-series peptide inhibitors)

IT 65312-43-8, Coagulation Factor VIIa

RL: BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process)

(protease domain exosite on coagulation factor VIIa and mol. interactions with A-series peptide inhibitors)

IT 61-90-5, L-Leucine, biological studies

RL: BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process)

(residue 251; coagulation factor VIIa Trp-61 and Leu-251 in binding of peptide inhibitors)

IT 73-22-3, L-Tryptophan, biological studies

RL: BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process)

(residue 61; coagulation factor VIIa Trp-61 and Leu-251 in binding of peptide inhibitors)

RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

- (1) Banner, D; Nature 1996, V380, P41 HCAPLUS
- (2) Banner, D; Nature 2000, V404, P449 HCAPLUS
- (3) Barrett, A; Handbook of Proteolytic Enzymes 1998
- (4) Baugh, R; Biochemistry 2000, V275, P28826 HCAPLUS
- (5) Bergum, P; J Biol Chem 2001, V276, P10063 HCAPLUS
- (6) Broze, G; Annu Rev Med 1995, V46, P103 HCAPLUS
- (7) Davie, E; Biochemistry 1991, V30, P10363 HCAPLUS
- (8) Dedecker, B; Chem Biol 2000, V7, PR103 HCAPLUS
- (9) Dennis, M; Biochemistry 2001, V40, PXXXXX
- (10) Dennis, M; J Biol Chem 1994, V269, P22129 HCAPLUS
- (11) Dennis, M; J Biol Chem 1994, V269, P22137 HCAPLUS
- (12) Dennis, M; Nature 2000, V404, P465 HCAPLUS
- (13) Di Cera, E; Biophys J 1996, V70, P174 HCAPLUS
- (14) Dickinson, C; J Mol Biol 1998, V277, P959 HCAPLUS
- (15) Dickinson, C; Proc Natl Acad Sci U S A 1996, V93, P14379 HCAPLUS
- (16) Duffy, E; Biochem J 1997, V321, P361 HCAPLUS
- (17) Edgington, T; Thromb Haemost 1997, V78, P401 HCAPLUS
- (18) Eigenbrot, C; Structure 2001, V9, P627 HCAPLUS
- (19) Gallagher, K; Antithrombotics 1999, P421 HCAPLUS
- (20) Harrison, P; J Mol Biol 1996, V264, P603 HCAPLUS
- (21) Higashi, S; Int J Hematol 1998, V67, P229 HCAPLUS
- (22) Huang, Q; J Biol Chem 1996, V271, P21752 HCAPLUS

- (23) Kemball-Cook, G; J Struct Biol 1999, V127, P213 HCAPLUS
- (24) Kirchhofer, D; Biochemistry 2000, V39, P7380 HCAPLUS
- (25) Krishnaswamy, S; Biochemistry 1997, V36, P12080 HCAPLUS
- (26) Kunkel, T; Methods Enzymol 1987, V154, P367 HCAPLUS
- (27) Lee, G; Biochemistry 1997, V36, P5607 HCAPLUS
- (28) Mann, K; Thromb Haemost 1999, V82, P165 HCAPLUS
- (29) Naski, M; J Biol Chem 1990, V265, P13484 HCAPLUS
- (30) Neurath, H; Science 1984, V224, P350 HCAPLUS
- (31) Perona, J; Protein Sci 1995, V4, P337 HCAPLUS
- (32) Pike, A; Proc Natl Acad Sci U S A 1999, V96, P8925 HCAPLUS
- (33) Rapaport, S; Thromb Haemost 1995, V74, P7 HCAPLUS
- (34) Roy, S; J Biol Chem 1991, V266, P22063 HCAPLUS
- (35) Ruf, W; Biochemistry 1994, V1994, P11631
- (36) Ruf, W; Biochemistry 1999, V38, P1957 HCAPLUS
- (37) Ruf, W; J Biol Chem 1992, V267, P6375 HCAPLUS
- (38) Ruf, W; Trends Cardiovasc Med 1998, V8, P350 HCAPLUS
- (39) Ruiz, S; Thromb Res 2000, V98, P203 HCAPLUS
- (40) Shobe, J; J Biol Chem 1999, V274, P24171 HCAPLUS
- (41) Siezen, R; Protein Sci 1997, V6, P501 HCAPLUS
- (42) Skrzypczak-Jankun, E; J Mol Biol 1991, V221, P1379 HCAPLUS
- (43) Starovasnik, M; Protein Sci 1999, V8, P1423 HCAPLUS
- (44) Stubbs, M; Thromb Res 1993, V69, P1 HCAPLUS
- (45) Stubbs, M; Trends Biochem Sci 1995, V20, P23 HCAPLUS
- (46) Toomey, J; J Biol Chem 1991, V266, P19198 HCAPLUS
- (47) Zhang, E; J Mol Biol 1999, V285, P2089 HCAPLUS

IT 325722-51-8

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
 (protease domain exosite on coagulation factor VIIa and mol.
 interactions with A-series peptide inhibitors)

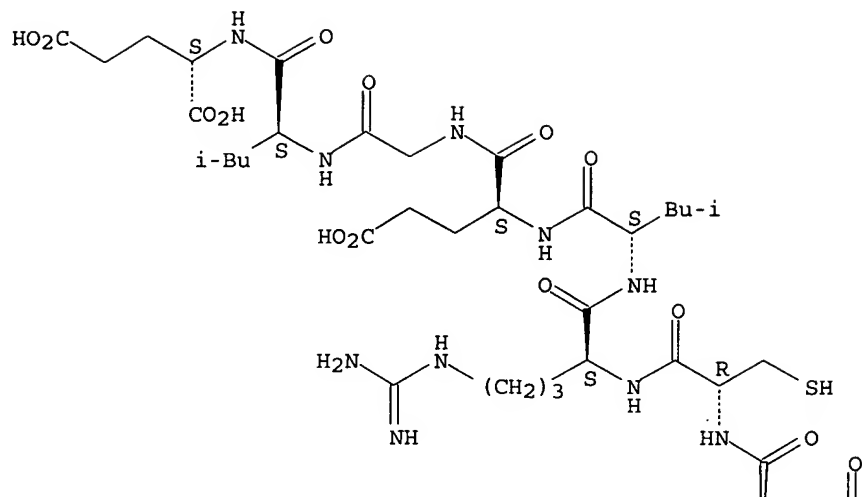
RN 325722-51-8 HCAPLUS

CN L-Glutamic acid, L-seryl-L- α -glutamyl-L- α -glutamyl-L-tryptophyl-L- α -glutamyl-L-valyl-L-leucyl-L-cysteinyl-L-tryptophyl-L-threonyl-L-tryptophyl-L- α -glutamyl-L- α -aspartyl-L-cysteinyl-L-arginyl-L-leucyl-L- α -glutamylglycyl-L-leucyl- (9CI) (CA INDEX NAME)

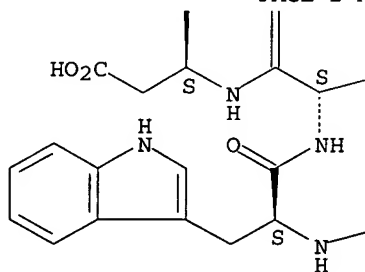
SEQ 1 SEWEVLCWT WEDCRLEGLE

Absolute stereochemistry.

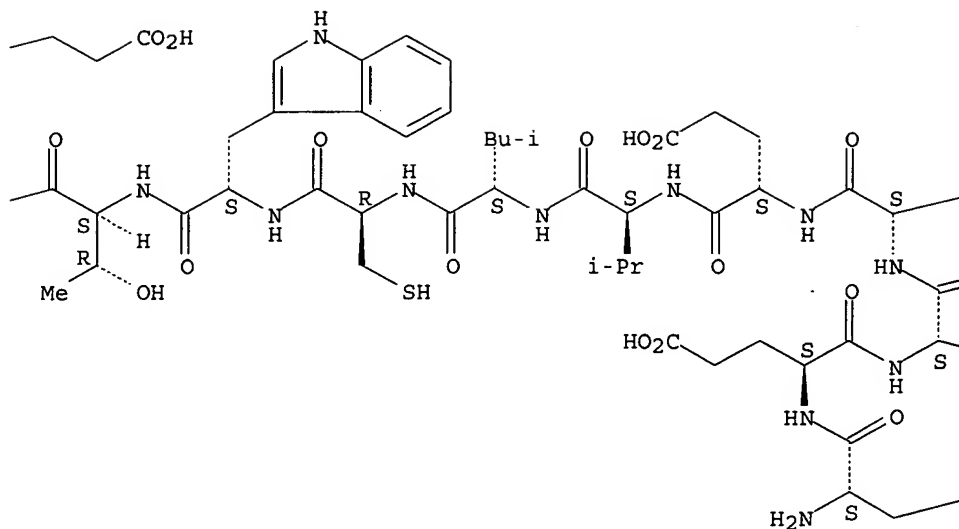
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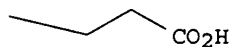
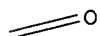
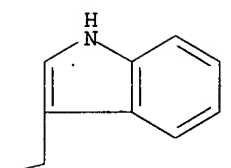
PAGE 2-A



PAGE 2-B



PAGE 2-C



L9 ANSWER 17 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2001:496925 HCAPLUS
 DN 135:221051
 ED Entered STN: 11 Jul 2001
 TI Selection and characterization of a new class of peptide exosite
 inhibitors of coagulation factor VIIa
 AU Dennis, Mark S.; Roberge, Martin; Quan, Cliff; Lazarus, Robert
 A.
 CS Departments of Protein Engineering and Bioorganic Chemistry,
 Genentech Inc., South San Francisco, CA, 94080, USA
 SO Biochemistry (2001), 40(32), 9513-9521
 CODEN: BICHAW; ISSN: 0006-2960
 PB American Chemical Society

DT Journal
 LA English
 CC 1-8 (Pharmacology)
 AB A new series of peptide inhibitors of human Factor VIIa (FVIIa) has been identified and affinity matured from naive and partially randomized peptide phage libraries selected against the immobilized tissue factor-Factor VIIa (TF-FVIIa) complex. These "A-series" peptides contain a single disulfide bond and a 13-residue minimal core required for maximal affinity. They are exemplified by peptide A-183 (EEWEVLCWTWETCER), which binds at a newly identified exosite on the FVIIa protease domain, described in the accompanying report [Roberge, M., Santell, L., Dennis, M. S., Eigenbrot, C., Dwyer, M. A., and Lazarus, R. A. (2001) *Biochem. 40*, XXXXX-XXXXX]. A-183 was obtained from a trypsin digest of A-100-Z, a recombinant protein comprising A-183 and the Z domain of protein A. Surprisingly, A-183 was a very potent inhibitor of TF-FVIIa, inhibiting activation of Factor X (FX) and Factor IX and amidolytic activity of Chromozym t-PA with IC₅₀ values of 1.6 ± 1.2 , 3.5 ± 0.3 , and 8.5 ± 3.5 nM, resp. Kinetic anal. revealed that A-183 was a partial (hyperbolic) mixed-type inhibitor of FX activation having a K_i of 200 pM as well as a partial competitive inhibitor of amidolytic activity. The A-series peptides were also specific and potent inhibitors of TF-dependent clotting as measured in a prothrombin time (PT) clotting assay and had no effect on the TF-independent activated partial thromboplastin time. At saturating concns. of peptide, the maximal extent by which A-183 and A-100-Z inhibited the rate of FX activation was 78 ± 3 and $89 \pm 6\%$, resp. The degree of inhibition of the rate of FX activation correlated with a maximum fold prolongation in the PT assay of 1.8-fold for A-183 and 3.3-fold for A-100-Z. The A-series peptides represent a new class of peptide exosite inhibitors that are capable of attenuating, rather than completely inhibiting, the activity of TF-FVIIa, potentially leading to anticoagulants with an increased therapeutic window.

ST peptide sequence coagulation factor VIIa inhibiting anticoagulant
 IT Anticoagulants
 Protein sequences
 (selection and characterization of peptide exosite inhibitors of coagulation factor VIIa)

IT 325722-51-8 325722-64-3 358740-54-2
 359635-57-7 359635-58-8 359635-59-9
 359635-60-2 359635-61-3 359635-62-4 359635-63-5
 359635-64-6 359635-65-7 359635-66-8 359635-67-9
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
 (selection and characterization of peptide exosite inhibitors of coagulation factor VIIa)

IT 9001-28-9, Factor IX 9001-29-0, Factor X 65312-43-8, Factor VIIa
 137051-68-4, Chromozym t-PA
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
 (selection and characterization of peptide exosite inhibitors of coagulation factor VIIa)

IT 9035-58-9, Blood-coagulation factor III
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (selection and characterization of peptide exosite inhibitors of coagulation factor VIIa)

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
 RE
 (1) Baugh, R; *Biochemistry* 2000, V275, P28826 HCAPLUS
 (2) Bodansky, M; *Principles of Peptide Synthesis* 1984
 (3) Bode, W; *Thromb Haemost* 1997, V78, P501 HCAPLUS
 (4) Broze, G; *Annu Rev Med* 1995, V46, P103 HCAPLUS
 (5) Chang, C; *Gene* 1987, V55, P189 HCAPLUS
 (6) Davie, E; *Biochemistry* 1991, V30, P10363 HCAPLUS
 (7) Dennis, M; *Nature* 2000, V404, P465 HCAPLUS
 (8) Dennis, M; *Proteins:Struct, Funct, Genet* 1993, V15, P312 HCAPLUS
 (9) Dickinson, C; *J Mol Biol* 1998, V277, P959 HCAPLUS

- (10) Duggan, B; Eur J Biochem 1999, V265, P539 HCAPLUS
- (11) Eigenbrot, C; Structure 2001, V9, P627 HCAPLUS
- (12) Esmon, C; Antithrombotics 1999, P447 HCAPLUS
- (13) Gallagher, K; Antithrombotics 1999, P421 HCAPLUS
- (14) Gallop, M; J Med Chem 1994, V37, P1233 HCAPLUS
- (15) Higashi, S; Int J Hematol 1998, V67, P229 HCAPLUS
- (16) Hirsh, J; Hemostasis and thrombosis:Basic principles and clinical practice 1994, P1567
- (17) Hirsh, J; New Engl J Med 1991, V324, P1565 MEDLINE
- (18) Hyde-Deruysscher, R; Chem Biol 2000, V7, P17 HCAPLUS
- (19) Johnson, K; Coronary Artery Dis 1998, V9, P83 MEDLINE
- (20) Kay, B; Drug Discovery Today 1998, V3, P370 HCAPLUS
- (21) Kelley, R; Blood 1997, V89, P3219 HCAPLUS
- (22) Kirchhofer, D; Biochemistry 2000, V39, P7380 HCAPLUS
- (23) Kirchhofer, D; Trends Cardiovasc Med 1997, V7, P316 HCAPLUS
- (24) Kunkel, T; Methods Enzymol 1987, V154, P367 HCAPLUS
- (25) Leblond, L; Antithrombotics 1999, P1 HCAPLUS
- (26) Leung, D; J Med Chem 2000, V43, P305 HCAPLUS
- (27) Lowman, H; Biochemistry 1998, V37, P8870 HCAPLUS
- (28) Lowman, H; J Mol Biol 1993, V234, P564 HCAPLUS
- (29) Mann, K; Thromb Haemost 1999, V82, P165 HCAPLUS
- (30) Neurath, H; Science 1984, V224, P350 HCAPLUS
- (31) Perona, J; Protein Sci 1995, V4, P337 HCAPLUS
- (32) Rapaport, S; Thromb Haemost 1995, V74, P7 HCAPLUS
- (33) Refino, C; Thromb Haemost 1999, V82, P1188 HCAPLUS
- (34) Roberge, M; Biochemistry 2001, V40, PXXXXX
- (35) Segel, I; Enzyme Kinetics 1975
- (36) Shobe, J; J Biol Chem 1999, V274, P24171 HCAPLUS
- (37) Sidhu, S; Methods Enzymol 2000, V328, P333 HCAPLUS
- (38) Stanssens, P; Proc Natl Acad Sci U S A 1996, V93, P2149 HCAPLUS
- (39) Starovasnik, M; Protein Sci 1999, V8, P1423 HCAPLUS
- (40) Vlasuk, G; US 6090916 2000 HCAPLUS
- (41) Weitz, J; N Engl J Med 1997, V337, P688 HCAPLUS

IT 325722-51-8

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(selection and characterization of peptide exosite inhibitors of
coagulation factor VIIa)

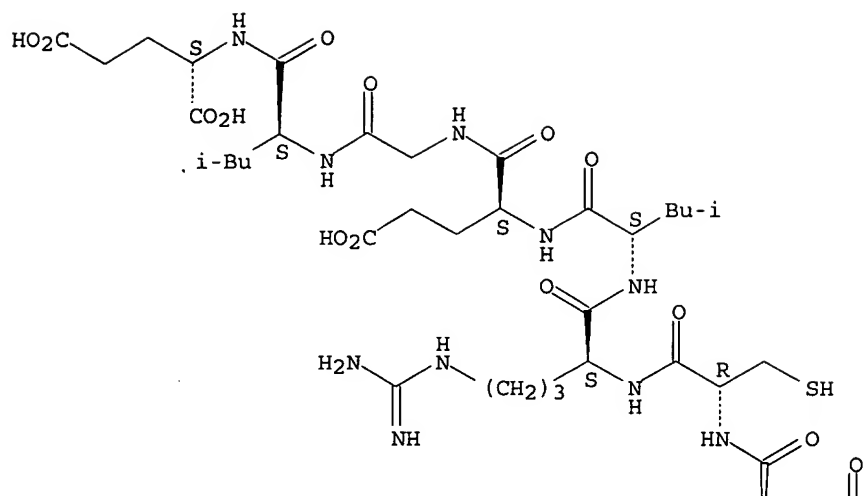
RN 325722-51-8 HCAPLUS

CN L-Glutamic acid, L-seryl-L- α -glutamyl-L- α -glutamyl-L-tryptophyl-L- α -glutamyl-L-valyl-L-leucyl-L-cysteinyl-L-tryptophyl-L-threonyl-L-tryptophyl-L- α -glutamyl-L- α -aspartyl-L-cysteinyl-L-arginyl-L-leucyl-L- α -glutamylglycyl-L-leucyl- (9CI) (CA INDEX NAME)

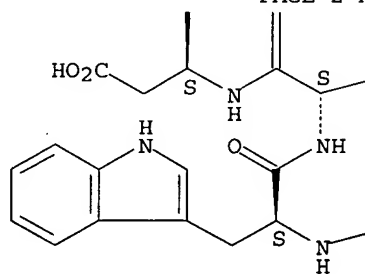
SEQ 1 SEWEVLCWT WEDCRLEGLE

Absolute stereochemistry.

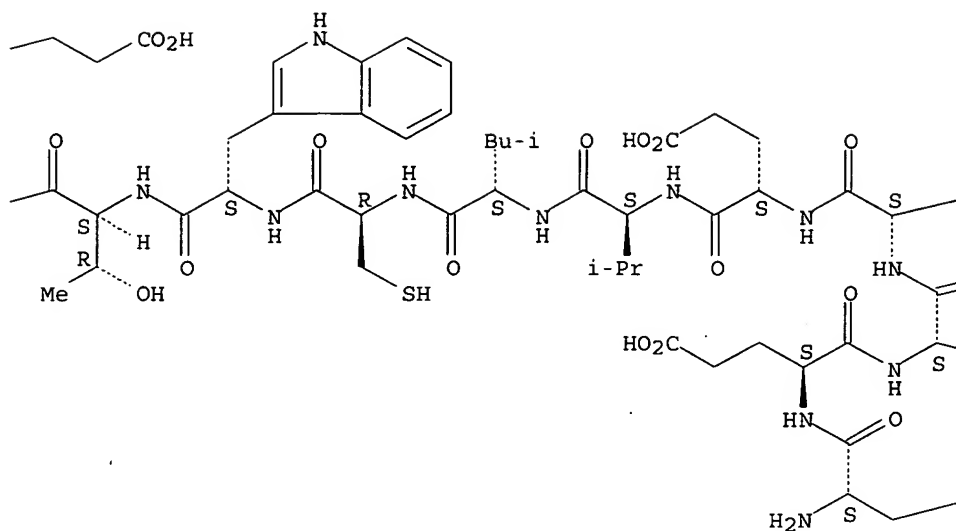
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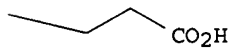
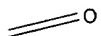
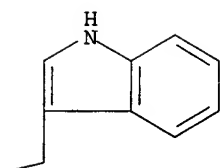
PAGE 2-A



PAGE 2-B



PAGE 2-C



L9 ANSWER 18 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2001:115174 HCAPLUS
 DN 134:168300
 ED Entered STN: 15 Feb 2001
 TI Factor VIIa antagonists for diagnostic or therapeutic use
 IN Dennis, Mark S.
 PA Genentech, Inc., USA
 SO PCT Int. Appl., 80 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM C07K004-00
 CC 63-3 (Pharmaceuticals)

Search done by Noble Jarrell

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001010892	A2	20010215	WO 2000-US21296	20000804
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	RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
	CA 2380633	AA	20010215	CA 2000-2380633	20000804
	EP 1203014	A2	20020508	EP 2000-952495	20000804
	EP 1203014	B1	20041013		
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL	
	JP 2003512303	T2	20030402	JP 2001-515700	20000804
	AT 279437	E	20041015	AT 2000-952495	20000804
	US 2004077547	A1	20040422	US 2003-639076	20030811
PRAI	US 1999-147627P	P	19990806		
	US 1999-150315P	P	19990823		
	US 2000-632429	A1	20000804		
	WO 2000-US21296	W	20000804		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2001010892	ICM	C07K004-00
WO 2001010892	ECLA	C07K007/08A; C07K014/00B
US 2004077547	NCL	514/014.000
	ECLA	C07K007/08A; C07K014/00B

OS MARPAT 134:168300

AB This invention provides novel compds. which prevent or block a FVIIa mediated or associated process or event such as the catalytic conversion of FX to FXa, FVII to FVIIa or FIX to FIXa. In particular aspects, the compds. of the invention bind Factor VIIa (FVIIa), its zymogen Factor VII (FVII) and/or block the association of FVII or FVIIa with a peptide compound of the present invention. The invention also provides pharmaceutical compns. comprising the novel compds. as well as their use in diagnostic, therapeutic, and prophylactic methods.

ST blood coagulation factor VIIa antagonist

IT Diagnosis

(agents; factor VIIa antagonists for diagnostic or therapeutic use)

IT Phage display library

Protein sequences

(factor VIIa antagonists for diagnostic or therapeutic use)

IT Peptides, biological studies

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PNU (Preparation, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(factor VIIa antagonists for diagnostic or therapeutic use)

IT Drug delivery systems

(inhalants; factor VIIa antagonists for diagnostic or therapeutic use)

IT Drug delivery systems

(liqs.; factor VIIa antagonists for diagnostic or therapeutic use)

IT Drug delivery systems

(powders; factor VIIa antagonists for diagnostic or therapeutic use)

IT 9001-28-9, Blood coagulation factor ix 9001-29-0, Coagulation factor x

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(activation of; factor VIIa antagonists for diagnostic or therapeutic use)

IT 65312-43-8, Coagulation factor viia

RL: BAC (Biological activity or effector, except adverse); BSU (Biological

study, unclassified); BIOL (Biological study)
(antagonists; factor VIIa antagonists for diagnostic or therapeutic use)

IT 325722-42-7

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process)

(factor VIIa antagonists for diagnostic or therapeutic use)

IT 325722-44-9 325722-46-1 325722-48-3 325722-49-4

325722-51-8 325722-54-1 325722-56-3

325722-58-5 325722-60-9 325722-61-0 325722-63-2

325722-64-3 325722-66-5 325722-67-6

325722-69-8 325722-71-2 325722-72-3

325722-73-4 325722-74-5 325722-75-6 325722-76-7

325722-77-8 325722-78-9 325722-79-0 325722-80-3

325722-81-4 325722-82-5 325722-83-6

325722-84-7 325722-85-8 325722-86-9

325722-87-0 325722-88-1 325722-89-2

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(factor VIIa antagonists for diagnostic or therapeutic use)

IT 9001-25-6, Blood-coagulation factor VII

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(factor VIIa antagonists for diagnostic or therapeutic use)

IT 325722-42-7

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process)

(factor VIIa antagonists for diagnostic or therapeutic use)

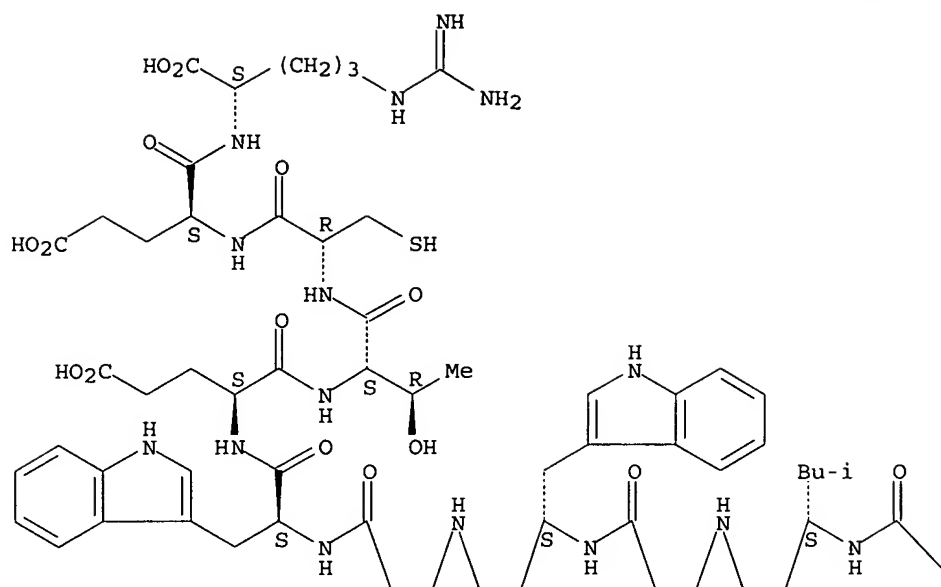
RN 325722-42-7 HCAPLUS

CN L-Arginine, L-tryptophyl-L- α -glutamyl-L-valyl-L-leucyl-L-cysteinyl-L-tryptophyl-L-threonyl-L-tryptophyl-L- α -glutamyl-L-threonyl-L-cysteinyl-L- α -glutamyl- (9CI) (CA INDEX NAME)

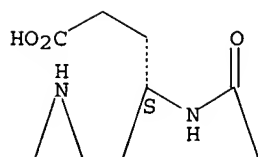
SEQ 1 WEVLCWTWET CER

Absolute stereochemistry.

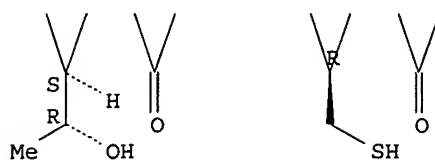
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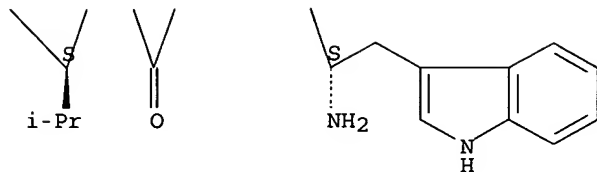
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PAGE 2-A



PAGE 2-B



L9 ANSWER 19 OF 19 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 1990:49998 HCAPLUS
 DN 112:49998
 ED Entered STN: 17 Feb 1990
 TI Cloning and expression of cDNA for soluble CD4 derivatives and fusion proteins
 IN Capon, Daniel J.; Gregory, Timothy J.
 PA Genentech, Inc., USA
 SO Eur. Pat. Appl., 36 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 IC ICM C12N015-00
 ICS C12P021-02; A61K037-02
 ICA G01N033-566
 CC 3-4 (Biochemical Genetics)
 Section cross-reference(s): 63

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 314317	A1	19890503	EP 1988-309194	19881003
	EP 314317	B1	19980826		
	EP 314317	B2	20050323		
	R: ES, GR				
	EP 832971	A1	19980401	EP 1997-116064	19881003
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 166387	E	19980615	AT 1988-909155	19881003
	ES 2121733	T3	19981216	ES 1988-309194	19881003
	US 5336603	A	19940809	US 1992-936190	19920826
	US 5565335	A	19961015	US 1994-236311	19940502
	US 6117655	A	20000912	US 1995-457918	19950601
	US 2003104535	A1	20030605	US 2002-157408	20020528
	US 6710169	B2	20040323		
	US 2004197809	A1	20041007	US 2004-769247	20040130
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	US 1988-250785	A	19880928		
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	US 1999-275310	B1	19990324		
	US 2000-641554	B1	20000817		
	US 2002-157408	A1	20020528		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
EP 314317	ICM	C12N015-00
	ICS	C12P021-02; A61K037-02
	ICA	G01N033-566
EP 314317	ECLA	A61K047/48R2H; C07K014/34; C07K014/705B14; C07K016/00; G01N033/68B
EP 832971	ECLA	C07K014/705B14

Search done by Noble Jarrell

US 5336603 NCL 435/069.700; 424/134.100; 435/252.300; 435/320.100;
530/350.000; 530/387.300; 536/023.400
ECLA A61K047/48R2H; C07K014/705B14; C07K016/00

US 5565335 NCL 435/069.700; 435/252.300; 435/320.100; 514/002.000;
530/350.000; 530/387.100; 530/387.300; 536/023.400
ECLA A61K047/48R2H; C07K014/705B14; C07K016/00

US 6117655 NCL 435/069.700; 435/071.100; 435/071.200; 435/252.300;
435/254.110; 435/320.100; 435/325.000; 435/471.000;
536/023.100; 536/023.400; 536/023.500; 536/023.530
ECLA C07K014/705B14

US 2003104535 NCL 435/069.100
ECLA A61K047/48R2H; C07K014/34; C07K014/705B14; C07K016/00;
G01N033/68B

US 2004197809 NCL 435/006.000
ECLA A61K047/48R2H; C07K014/34; C07K014/705B14; C07K016/00;
G01N033/68B

AB Water-soluble derivs. of the CD4 antigen and water-soluble fusions of CD4 with
Ig polypeptides that are potentially useful as therapeutic agents are
described. A series of CD4-herpesvirus glycoprotein D fusion proteins
were prepared and their interaction with human immunodeficiency virus (HIV)
gp120 studies. Binding consts. for the interaction were .apprx.10⁻⁹M.
The soluble fusion proteins also greatly reduced the infection of culture
cells by HIV.

ST sol CD4 fusion protein; AIDS therapy CD4 fusion protein

IT Nomenclature, new concepts
(adhesion, member of the Ig superfamily of proteins)

IT Immunoglobulins
RL: BIOL (Biological study)
(constant region of, fusion products with soluble CD4 antigen, cDNA for,
expression in animal cells of)

IT Receptors
RL: BIOL (Biological study)
(for IgE, fusion products with antigens or cytotoxic polypeptides or
plasma proteins of)

IT Gene and Genetic element, animal
RL: BIOL (Biological study)
(for soluble CD4 antigen fusion derivs., cloning and expression in animal
cells of)

IT Antigens
RL: BIOL (Biological study)
(fusion proteins with soluble CD4 antigen)

IT Proteins, biological studies
RL: BIOL (Biological study)
(of blood plasma, fusion products with adhesions)

IT Molecular cloning
(of soluble CD4 antigen chimeric genes, in animal cells)

IT Protein sequences
(of soluble CD4 antigen fusion proteins of human)

IT Animal cell line
(293S, cloning and expression in, of soluble CD4 antigen chimeric genes)

IT Antigens
RL: BIOL (Biological study)
(CD4, water-soluble derivs. of, cDNA for, cloning and expression in animal
cells of)

IT Antigens
RL: BIOL (Biological study)
(CD8, fusion products with antigens or cytotoxic polypeptides or plasma
proteins)

IT Animal cell line
(CHO, cloning and expression in, of soluble CD4 antigen chimeric genes)

IT Immunodeficiency
(acquired immune deficiency syndrome, treatment of, soluble CD4 antigen
fusion proteins for)

IT Deoxyribonucleic acid sequences
(antigen CD4 fusion protein-specifying, of human)

IT Gene and Genetic element

- RL: BIOL (Biological study)
(chimeric, for soluble CD4 antigen and Igs or signal sequences or antigen or toxins)
- IT Toxins
RL: BIOL (Biological study)
(diphtheria, A fragment of, fusion products with soluble CD4 antigen, chimeric gene for)
- IT Proteins, specific or class
RL: BIOL (Biological study)
(fusion products, of soluble CD4 antigen and Igs or signal peptides or antigens or toxins)
- IT Albumins, compounds
Lipoproteins
Transferrins
RL: BIOL (Biological study)
(fusion products, with CD4 or CD8 or IgE receptor)
- IT Glycoproteins, specific or class
RL: BIOL (Biological study)
(gD, of herpes virus, fusion products with soluble CD4 antigens)
- IT Virus, animal
(human immunodeficiency 1, infection with, treatment of, soluble CD4 antigen fusion proteins for)
- IT Plasmid and Episome
(pRKCD4Ck, soluble CD4 antigen-Ig constant domain fusion gene on, expression in animal cells of)
- IT Plasmid and Episome
(pRKCD4T, soluble CD4 antigen cDNA on, expression in CHO cells of)
- IT Plasmid and Episome
(pRKCD4e1y1, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)
- IT Plasmid and Episome
(pRKCD4e2y1, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)
- IT Plasmid and Episome
(pRKCD4e4y1, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)
- IT Plasmid and Episome
(pRKCD4e4x, soluble CD4 antigen-Ig constant domain fusion gene on)
- IT Plasmid and Episome
(pRKCD41y1, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)
- IT Plasmid and Episome
(pRKCD42y1, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)
- IT Plasmid and Episome
(pRKCD44y1, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)
- IT Plasmid and Episome
(pRKCD44x, soluble CD4 antigen-Ig constant domain fusion gene on)
- IT Plasmid and Episome
(pRKGDCD4T, soluble CD4 antigen-herpes virus glycoprotein D fusion protein gene on, expression in 293S cells of)
- IT Plasmid and Episome
(pSveCD4DHFR, CD4 antigen cDNA on, expression in CHO cells of)
- IT Plasmid and Episome
(pSveCD4TPSVDHFR, soluble CD4 antigen cDNA on, expression in CHO cells of)
- IT Plasmid and Episome
(pSveCD4e2y1SVDHFR, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)
- IT Plasmid and Episome
(pSveCD4e4y1SVDHFR, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)
- IT Plasmid and Episome
(pSveCD4AN1aDHFR, soluble CD4 antigen cDNA on, expression in CHO cells of)
- IT Plasmid and Episome

(pSVeCD4AN1aSVDHFR, soluble CD4 antigen cDNA on, expression in CHO cells of)

IT Plasmid and Episome
(pSVeCD42y1SVDHFR, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)

IT Plasmid and Episome
(pSVeCD42xSVDHFR, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)

IT Plasmid and Episome
(pSVeCD44y1SVDHFR, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)

IT Plasmid and Episome
(pSVeCD44xSVDHFR, soluble CD4 antigen-Ig constant domain fusion gene on, expression in CHO cells of)

IT Gene and Genetic element
(signal sequence, soluble CD4 antigen cDNA fused to, chimeric genes for)

IT Peptides, compounds
RL: BIOL (Biological study)
(signal, fusion products, with soluble CD4 antigen)

IT 124669-99-4 124670-00-4
RL: PRP (Properties)
(amino acid sequence of and expression in animal cells of cDNA for)

IT 124670-81-1
RL: PRP (Properties)
(amino acid sequence of and expression in animal cells of chimeric gene for)

IT 124670-90-2
RL: PRP (Properties)
(amino acid sequence of and expression in animal cells of chimeric genes for)

IT 124670-48-0 124670-49-1
RL: PRP (Properties)
(chimeric soluble CD4 antigen gene containing, expression in animal cells of)

IT 124670-35-5 124670-36-6 124670-45-7 124670-46-8
RL: PRP (Properties)
(nucleotide sequence and expression in animal cells of)

IT 124670-90-2
RL: PRP (Properties)
(amino acid sequence of and expression in animal cells of chimeric genes for)

RN 124670-90-2 HCAPLUS

CN Immunoglobulin G 1 (human Cyl protein moiety reduced),
N-(L-valyl-L-threonyl-L-alanyl-L-alanyl-L- α -aspartyl-L-threonyl-L-alanyl-L-valyl-L-tyrosyl-L-tyrosyl-L-cysteinyl-L-alanyl-L-arginyl-L-alanyl-L-threonyl-L-phenylalanyl-L-cysteinyl-L-leucyl-L-tryptophyl-L-tyrosyl-L-arginyl-L- α -glutamyl-L-arginyl-L-prolyl-L-prolyl-L-cysteinyl-L-tryptophyl-L-isoleucyl-L- α -aspartyl-L-prolyl-L-tryptophylglycyl-L-leucylglycyl-L-threonyl-L-leucyl-L-valyl-L-threonyl-L-valyl-L-seryl-L-seryl)- (9CI) (CA INDEX NAME)

SEQ 1 VTAADTAVYY CARATFCLWY RERPPCWIDP WGLGTLVTVS SASTKGPSVF
51 PLAPSSKSTS GGTAALGCLV KDYFPEPVTV SWNSGALTSG VHTFPAVLQS
101 SGLYSLSSVV TVPSSSLGTQ TYICNVNHKP SNTKVDKKVE PKSCDKTHTC
151 PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN
201 WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK
251 ALPAPIEKTI SKAGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD
301 IAVEWESNGQ PENNYKTPP VLDSGDSFFL YSKLTVDKSR WQQGNVFSCS
351 VMHEALHNHY TQKSLSLSPG K

=> d all hitseq 112 1-20

L12 ANSWER 1 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2005:611888 HCAPLUS
 DN 143:111500
 ED Entered STN: 15 Jul 2005
 TI cDNAs encoding corn cellulose synthase and their use in improving stalk
 and nodal strength in transgenic plants
 IN Dhugga, Kanwarpal S.; Wang, Haiyin; Tomez, Dwight; Helentjaris, Timothy G.
 PA Pioneer Hi-Bred International, Inc., USA
 SO U.S. Pat. Appl. Publ., 99 pp., Cont.-in-part of Ser. No. US 2002-209059,
 filed on 31 Jul 2002 which is
 CODEN: USXXCO
 DT Patent
 LA English
 IC ICM A01H001-00
 ICS C12N015-82
 INCL 800284000
 CC 7-2 (Enzymes)
 Section cross-reference(s): 3, 11, 17
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005155108	A1	20050714	US 2004-963217	20041012 <--
	US 2003167528	A1	20030904	US 2002-160719	20020603 <--
	US 6803498	B2	20041012		
	US 2003163838	A1	20030828	US 2002-209059	20020731 <--
PRAI	US 1998-96822P	P	19980817	<--	
	US 1999-371383	B2	19990806	<--	
	US 2000-550483	B2	20000414	<--	
	US 2002-209059	A2	20020731		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2005155108	ICM	A01H001-00
	ICS	C12N015-82
	INCL	800284000
US 2005155108	NCL	800/284.000
	ECLA	C07K014/415; C12N009/10D1A12; C12N015/82C4B2A; C12N015/82C8 <--
US 2003167528	NCL	800/284.000
	ECLA	C12N009/10D1A12; C12N015/82C4B2A; C12N015/82C8 <--
US 2003163838	NCL	800/278.000
	ECLA	C07K014/415; C12N009/10D1A12; C12N015/82C4B2A; C12N015/82C8 <--

AB The present invention relates to cDNAs encoding corn cellulose synthase
 and their use in improving stalk and nodal strength in transgenic plants.
 The invention further provides recombinant expression cassettes, host
 cells, and transgenic plants comprising said nucleic acids. The cellulose
 synthases can be used to improve the stalk quality for improved stand or
 silage and for increased yield of ethanol per unit stover.

ST corn cellulose synthase cDNA sequence stalk cellulose content regulation;
 CesA1 CesA8 CesA10 CesA11 CesA12 gene cellulose synthase corn; ethanol
 prodn corn cellulose synthase

IT Gene, plant

RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRP
 (Properties); BIOL (Biological study); USES (Uses)

(CesA-10; cDNAs encoding corn cellulose synthase and their use in
 improving stalk and nodal strength in transgenic plants)

IT Gene, plant

RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRP
 (Properties); BIOL (Biological study); USES (Uses)

(CesA-11; cDNAs encoding corn cellulose synthase and their use in
 improving stalk and nodal strength in transgenic plants)

IT Gene, plant

RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRP
 (Properties); BIOL (Biological study); USES (Uses)

(CesA-12; cDNAs encoding corn cellulose synthase and their use in

- improving stalk and nodal strength in transgenic plants)
- IT Gene, plant
RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(CesA-1; cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT Gene, plant
RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(CesA-8; cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT Molecular cloning
Plant cell
Plant tissue
Stem
Zea mays
(cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT cDNA sequences
(for cellulose synthase of corn; cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT Protein sequences
(of cellulose synthase homologs of corn; cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT Genetic engineering
(of plant cellulose metabolism; cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT Promoter (genetic element)
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(tissue-specific, expression of cellulose synthase gene from; cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT Canola
Glycine max
Gossypium hirsutum
Helianthus annuus
Hordeum vulgare
Liliopsida
Medicago sativa
Oryza sativa
Panicum
Sorghum
Triticum aestivum
(transgenic; cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT 9004-34-6, Cellulose, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(altering metabolism of; cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT 857709-54-7 857709-55-8 857709-56-9 857709-57-0 857709-58-1
RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT 336163-09-8, Cellulose synthase
RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)
- IT 64-17-5P, Ethanol, preparation
RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
(cDNAs encoding corn cellulose synthase and their use in improving stalk and nodal strength in transgenic plants)

IT 857709-33-2 857709-42-3 857709-51-4 857709-52-5 857709-53-6
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRP
 (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; cDNAs encoding corn cellulose synthase and their
 use in improving stalk and nodal strength in transgenic plants)

IT 857712-64-2 857712-65-3 857712-66-4 857712-68-6 857712-69-7
 857712-70-0 857712-72-2 857712-73-3 857712-74-4 857712-76-6
 857712-77-7 857712-78-8 857712-79-9 857712-80-2 857712-82-4
 857712-83-5 857712-84-6 857712-85-7 857712-86-8 857712-87-9
 857712-88-0 857712-89-1 857712-90-4 857712-91-5 857712-92-6
 857712-93-7 857712-95-9 857712-96-0 857712-97-1 857712-99-3
 857713-00-9 857713-02-1 857713-03-2
 RL: PRP (Properties)
 (unclaimed nucleotide sequence; cDNAs encoding corn cellulose synthase
 and their use in improving stalk and nodal strength in transgenic
 plants)

IT 857712'-67-5 857712-71-1 857712-75-5 857712-81-3
 857712-94-8 857712-98-2 857713-01-0
 RL: PRP (Properties)
 (unclaimed protein sequence; cDNAs encoding corn cellulose synthase and
 their use in improving stalk and nodal strength in transgenic plants)

IT 857712-67-5
 RL: PRP (Properties)
 (unclaimed protein sequence; cDNAs encoding corn cellulose synthase and
 their use in improving stalk and nodal strength in transgenic plants)

RN 857712-67-5 HCAPLUS
 CN 6: PN: US20050155108 SEQID: 6 unclaimed protein (9CI) (CA INDEX NAME)

SEQ 1 PLSRIVPISP NELNLYRIVI VLRLIILCFF FQYRITHPVE DAYGLWLVS
 51 ICEVWFALSW LLDQFPKWYP INRETYLDRL ALRYDREGEP SQLAPIDVVF
 101 STVDPLKEPP LITGNTVLSI LAVDYPVDKV SCYVSDDGSA MLTFEALSET
 151 AEFARKWVPF CKKHNI EPRA PEFYFARKID YLKDKIQPSF VKERRAMKRE
 201 CEEFKVRIDA LVAKAQKIPE EGWTMADGTP WPGNNPRDHP GMIQVFLGHS
 251 GGLDSTDGNE PRLVVSREK RPFQHHKKA GAMNALIRVS AVLTNGAYLL
 301 NVDCDHVNS SKALREAMCF MMDPALGRKT CYVQFPQRFD GIDLHDRYAN
 351 RNIVFFDINM KGLDGIQGPV YVGTGCCFNR QALYGYDPVL TEADLEPNII
 401 IKSCCGGRKK KDKSYIDSKN RDMKRTESSA PIFNMEDIEE GFEGYEDERS
 451 LLMSQKSLEK RFGQSPIFIA STFMTQGGIP PSTNPGSLLK EAIHVISCY
 501 EDKTEWGKEI GWIYGSVTE D ILTGFKMHAR GWISIYCMPL RPCFKGSAPI
 551 NLSDRNLNQVL RWALGSVEIL LSRHCPIWYG YNGRLKLLER LAYINTIVYP
 601 ITSIPLVAYC VLPALCLLTN KFIIPASNY AGAFFILLFA SIFATGILEL
 651 RWSGVGLEDW WRNEQFWVIG GTSALHFAVF QGLLKVLGI DTNFTVTSKA
 701 TDDGDGFAEL YVFKWTTLLI PPTTVLVINL VGIVAGVSYA INSGYQSWGP
 751 LFGKLFFAIW VILHLYPFLK GLMGKQNRTP TIVIVWSVLL ASIFSLWVK
 801 IDPFISPTQK ALSRGQCGVN C

L12 ANSWER 2 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2005:185486 HCAPLUS
 DN 142:234474
 ED Entered STN: 04 Mar 2005
 TI Nucleic acids and encoded protein from Eucalyptus grandis and Pinus
 radiata and their use in the modification of plant cell signaling
 IN Strabala, Timothy; Nieuwenhuizen, Nicolaas J.; Higgins, Colleen M.
 PA Agrigenesis Biosciences Limited, N. Z.
 SO U.S. Pat. Appl. Publ., 45 pp., Cont.-in-part of U.S. Ser. No. 101,464.
 CODEN: USXXCO
 DT Patent
 LA English
 IC ICM A01H001-00
 ICS C12N015-82; C07H021-04; C12N005-04
 INCL 800278000; 530370000; 435069100; 435419000; 435468000; 536023600
 CC 3-3 (Biochemical Genetics)

Section cross-reference(s): 6, 11

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005050583	A1	20050303	US 2004-864252	20040609 <--
	US 6359198	B1	20020319	US 1999-228986	19990112 <--
	WO 2000042171	A1	20000720	WO 2000-US724	20000111 <--
	W:			AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	
	RW:			GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
	ZA 2001005644	A	20020611	ZA 2001-5644	20010710 <--
	US 2003046728	A1	20030306	US 2002-101464	20020318 <--
	US 6768041	B2	20040727		
PRAI	US 1999-228986	A2	19990112	<--	
	US 1999-162866P	P	19991101	<--	
	WO 2000-US724	A	20000111	<--	
	US 2000-704302	B2	20001101	<--	
	US 2002-101464	A2	20020318		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2005050583	ICM	A01H001-00
	ICS	C12N015-82; C07H021-04; C12N005-04
	INCL	800278000; 530370000; 435069100; 435419000; 435468000; 536023600
US 2005050583	NCL	800/278.000
	ECLA	C07K014/415; C12N015/82C8H <--
US 6359198	NCL	800/298.000; 435/415.000; 536/023.600; 800/278.000
	ECLA	C07K014/415; C12N015/82C8 <--
WO 2000042171	ECLA	C07K014/415; C12N015/82C8 <--
US 2003046728	NCL	800/278.000
	ECLA	C07K014/415; C12N015/82C8H <--

AB The invention provides 496 cDNA polynucleotides that encode polypeptides involved in plant cell signaling in Eucalyptus grandis and Pinus radiata, together with genetic constructs comprising such polynucleotides. Methods for using such constructs for the modulation of cell signaling in plants are also disclosed, together with transgenic plants comprising such constructs. Thus, for example, over-expression in Arabidopsis thaliana of a RLK5-like receptor kinase is shown to enhance vegetative growth.

ST signaling protein cDNA sequence eucalyptus pine plant transformation

IT Receptors

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (ethylene; nucleic acids and encoded protein from Eucalyptus grandis and Pinus radiata and their use in the modification of plant cell signaling)

IT

Acacia
Eucalyptus
Eucalyptus grandis
Liquidambar
Molecular cloning
Pinus
Pinus radiata
Populus
Protein sequences
Signal transduction, biological
Swietenia
Tectona grandis
Transformation, genetic
cDNA sequences

(nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

IT Proteins
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (response regulators; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

IT Proteins
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (signaling; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

IT *Arabidopsis thaliana*
 Embryophyta
Nicotiana tabacum
 (transgenic; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

IT Embryophyta
 (woody plant; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

IT

284471-92-7	845437-90-3	845437-91-4	845437-92-5	845437-93-6
845437-94-7	845437-95-8	845437-96-9	845437-97-0	845437-98-1
845437-99-2	845438-00-8	845438-01-9	845438-02-0	845438-03-1
845438-04-2	845438-05-3	845438-06-4	845438-07-5	845438-08-6
845438-09-7	845438-10-0	845438-11-1	845438-12-2	845438-13-3
845438-14-4	845438-15-5	845438-16-6	845438-17-7	845438-18-8
845438-19-9	845438-20-2	845438-21-3	845438-22-4	845438-23-5
845438-24-6	845438-25-7	845438-26-8	845438-27-9	845438-28-0
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845438-40-6	845438-42-8	845438-43-9	845438-44-0	845438-45-1
845438-46-2	845438-47-3	845438-48-4	845438-49-5	845438-50-8
845438-51-9	845438-53-1	845438-54-2	845442-29-7	845442-30-0
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845442-66-2	845442-67-3	845442-68-4	845442-69-5	845442-70-8
845442-71-9	845442-72-0	845442-73-1	845442-74-2	845442-75-3
845442-76-4	845442-77-5	845442-78-6	845442-79-7	845442-80-0
845442-81-1	845442-82-2	845442-83-3	845442-84-4	845442-85-5
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845442-91-3	845442-92-4	845442-93-5	845442-94-6	845442-95-7
845442-96-8	845442-97-9	845442-98-0	845442-99-1	845443-00-7
845443-01-8	845443-02-9	845443-03-0	845443-04-1	845443-05-2
845443-06-3	845443-07-4	845443-08-5	845443-09-6	845443-10-9
845443-11-0	845443-12-1	845443-13-2	845443-14-3	845443-15-4
845443-16-5	845443-17-6	845443-18-7	845443-19-8	845443-20-1
845443-21-2	845443-22-3	845443-23-4	845443-24-5	845443-25-6
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845443-31-4	845443-32-5	845443-33-6	845443-34-7	845443-35-8
845443-36-9	845443-37-0	845443-38-1	845443-39-2	845443-40-5
845443-41-6	845443-42-7	845443-43-8	845443-44-9	845443-45-0
845443-46-1	845443-47-2	845443-48-3	845443-49-4	845443-50-7
845443-51-8	845443-52-9	845443-53-0	845443-54-1	845443-55-2
845443-56-3	845443-57-4	845443-58-5	845443-59-6	845443-60-9
845443-61-0	845443-62-1	845443-63-2	845443-64-3	845443-65-4
845443-66-5	845443-67-6	845443-68-7	845443-69-8	845443-70-1
845443-71-2	845443-72-3	845443-73-4	845443-74-5	845443-75-6

845443-76-7	845443-77-8	845443-78-9	845443-79-0	845443-80-3
845443-81-4	845443-82-5	845443-83-6	845443-84-7	845443-85-8
845443-86-9	845443-87-0	845443-88-1	845443-89-2	845443-90-5
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845443-96-1	845443-97-2	845443-98-3	845443-99-4	845444-00-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

IT	845444-01-1	845444-02-2	845444-03-3	845444-04-4	845444-05-5
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	845444-41-9	845444-42-0	845444-43-1	845444-44-2	845444-45-3
	845444-46-4	845444-47-5	845444-48-6	845444-49-7	845444-50-0
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	845446-98-2				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

IT	845446-99-3	845447-00-9	845447-01-0	845447-02-1	845447-18-9
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845447-29-2 845447-30-5 845447-31-6 845447-32-7
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

IT 99283-67-7, Histidine kinase 158886-13-6, RLK5 receptor-like protein kinase 219686-90-5, Receptor-like kinase
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

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845440-89-3	845440-90-6	845440-92-8	845440-93-9	845440-94-0
845440-95-1	845440-96-2	845440-97-3	845440-98-4	845440-99-5
845441-00-1	845441-02-3	845441-03-4	845441-04-5	845441-05-6
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845446-25-5	845446-26-6	845446-27-7	845446-28-8	845446-29-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

IT	845446-30-2	845446-31-3	845446-32-4	845446-89-1	845446-90-4
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	845447-13-4	845447-14-5	845447-15-6	845447-16-7	845447-17-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

IT 845445-54-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; nucleic acids and encoded protein from *Eucalyptus grandis* and *Pinus radiata* and their use in the modification of plant cell signaling)

RN 845445-54-7 HCAPLUS
 CN Signaling protein (Eucalyptus grandis clone US20050050583-SEQID-810) (9CI)
 (CA INDEX NAME)

SEQ 1 MVFRRFVVML FICTASVCAG LTDPRDVAAI NSLYVSLGYP PLRGWLLVGG
 51 DPCVDNWEV ECVISNITGL NLSGANLGGE LGDTLDFASL LSIDFSNNQI
 101 GGSVPSHVPP TILTMLGNN HFSGIIPDSF EELTS LAHLD LSSNNLTGPL
 151 PPSFGNLSAV TTLHLQNNKL IGTNLVLEDL PLIDLDIENN LFSGPIPPKL
 201 MTIPIFKKGG NPFNTSVIPS PAPAPEPTSA PPPFIGQPPP SVPSKDGNGS
 251 RAEAPKSAHS EGGSRVKKVI LIAVIGALVV VAITLLCLCL WRCSKKKQMN
 301 EMGEGHNMGV YANSQGAAS KDSSRQPNYI TERQFPRKAV PEPLGKMGED
 351 HGRAGLSNRQ MDVTKALSLR QKKDQVGDSS LPLQPVVSPL APPILNEKVI
 401 RNPVVSAQPT VRKRPSERTV SSPSVPFYSI ASLQEFNTSF SPENFIGEGT
 451 LGSVYKAVLP DGRLLAVKKL KAAVSRHQSD EKFGDLVSRI YKIRHSNIVE
 501 LVGYCAEHAQ WLLIYQYCRN GTLYDALHLD DEVHGKLSWA TRIRVAIGAA
 551 RALQYLHEVC QPPVYRNFN STNILLDDKL EARASDCGLA SLISSGSGSQ
 601 LSEHLNPNGY TAPESGAY SWQSDVYSFG VVMLELLTGR KSLDRSRPRG
 651 EQFLVRWAIP QLHDIDALSK MMDPSLSSFY PTKSLSRFAD IISRCVQREP
 701 EFRPPMSEVV QDLLRMM

L12 ANSWER 3 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:1019619 HCAPLUS
 DN 142:1802
 ED Entered STN: 26 Nov 2004
 TI Japanese macaque herpesvirus nucleic acid and polypeptide sequences and
 their use in disease model for multiple sclerosis and for screening
 therapeutic agents
 IN Wong, Scott W.; Axthelm, Michael K.; Hansen, Scott G.
 PA Oregon Health & Science University, USA
 SO U.S. Pat. Appl. Publ., 250 pp., Cont.-in-part of U.S. Ser. No. 276,524.
 CODEN: USXXCO
 DT Patent
 LA English
 IC ICM C12Q001-70
 ICS C07H021-04; C12N007-00; C12N015-86; C12N005-06
 INCL 435005000; 435069300; 435235100; 435456000; 435364000; 530350000;
 536023720
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 1, 6, 10, 14

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004234953	A1	20041125	US 2004-779597	20040212 <--
	WO 2001088203	A1	20011122	WO 2001-US16274	20010517 <--
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	RW:			GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	
PRAI	US 2000-205652P	P	20000518		<--
	WO 2001-US16274	W	20010517		
	US 2002-276524	A2	20021113		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004234953	ICM	C12Q001-70
	ICS	C07H021-04; C12N007-00; C12N015-86; C12N005-06
	INCL	435005000; 435069300; 435235100; 435456000; 435364000;

530350000; 536023720

US 2004234953 NCL 435/005.000
ECLA C12Q001/70B4 <--

WO 2001088203 ECLA C07K014/03; C12N007/00; C12Q001/70B4 <--

AB Japanese macaques can harbor a virus related to Rhesus macaque rhadinovirus, called Japanese macaque herpesvirus (JMHV), is harbored in inflamed spinal cord lesions obtained from a Japanese macaque monkey with spontaneous multiple sclerosis-like disease. An isolated virus is disclosed herein (Japanese macaque herpesvirus, JMHV), as are viral particles including this virus and host cells infected with this virus. The entire nucleic acids sequence of this virus is provided herein. Also disclosed are the nucleic acid sequences of unique open reading frames, and the 171 polypeptide sequences encoded by these open reading frames. Pharmaceutical compns. are also disclosed that include the viral nucleic acid, a polypeptide encoded by the viral nucleic acid, an antibody that binds the JMHV polypeptide, or a polynucleotide encoding at least one JMHV polypeptide. Model systems for screening for agents of use in the treatment of multiple sclerosis are also disclosed.

ST Japanese macaque herpesvirus genome protein sequence; multiple sclerosis disease model drug screening herpesvirus

IT Glycoproteins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(B, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(BBRF2, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(BDLF2, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(BDLF4, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(BGLF1, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(BGLF2, sequence homolog; Japanese macaque herpesvirus nucleic acid and

- polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (BGLF3, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (BGLF3.5, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (BKRF4, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (BRRF1, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (BRRF2, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (BTRF1, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (Bcl-2, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Chemokine receptors
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (C-C (cysteine-cysteine chemokine receptors), sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening

- therapeutic agents)
- IT CD antigens
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (CD 56, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Cyclins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (D, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Transcription factors
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (FOXO4 (forkhead box O4), sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Immunoglobulin receptors
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (IgG, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT DNA sequences
 Disease models
 Drug screening
 Genome
 Immunoassay
 Japanese macaque herpesvirus
 Macaca fuscata
 Multiple sclerosis
 Nucleic acid hybridization
 PCR (polymerase chain reaction)
 Protein sequences
 (Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Antibodies and Immunoglobulins
 RL: ARG (Analytical reagent use); BUU (Biological use, unclassified); DGN (Diagnostic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Primers (nucleic acid)
 Probes (nucleic acid)
 RL: ARG (Analytical reagent use); DGN (Diagnostic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Glycoproteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study);

- USES (Uses)
(K1, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Antigens
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(LANA (latency-associated nuclear antigen), sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(MCP (major capsid protein), sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Cell adhesion molecules
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(NCAM (neural cell adhesion mol.), sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Glycoproteins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(R8.1 sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Transcription factors
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(TLE (transducin-like enhancer corepressor), sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(VIRF, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(VMIP, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Myosins
RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU

(Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(XV, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(assembly/DNA maturation, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(ataxin-7, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Transcription factors

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(bZIP, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(capsid, minor capsid protein sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(capsid, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(chromatin-associated, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(chromatin-remodeling, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU

(Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(complement-binding, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(flexin sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Glycoproteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(gH, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Glycoproteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(gL, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Glycoproteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(gM, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Transcription factors

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(gene c-myc promoter-binding, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Antigens

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(hepatitis B core, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Proteins

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(immediate-early, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Diagnosis

(mol.; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for

- screening therapeutic agents)
- IT Antibodies and Immunoglobulins
 RL: ARG (Analytical reagent use); BUU (Biological use, unclassified); DGN (Diagnostic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (monoclonal; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (neurexin, 1 α sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Primates
 (non-human disease model; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (packaging protein sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Interleukin 8 receptors
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT 5-HT receptors
 CD36 (antigen)
 Calcium channel
 Collagens, biological studies
 DNA formation factors
 Interleukin 6
 Mucins
 Multidrug resistance proteins
 Transport proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (single-stranded DNA-binding, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)
- IT Proteins
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)

(tegument, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Enzymes, biological studies
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (transposases, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT Adrenoceptors
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (α 1A, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT 9014-24-8, RNA polymerase
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (-associated factor, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT 372092-80-3, Protein kinase
 RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (-like protein, sequence homolog; Japanese macaque herpesvirus nucleic acid and polypeptide sequences and their use in disease model for multiple sclerosis and for screening therapeutic agents)

IT

797543-82-9	797543-83-0	797543-84-1	797543-85-2	797543-86-3
797543-87-4	797543-88-5	797543-89-6	797543-90-9	797543-91-0
797543-92-1	797543-93-2	797543-94-3	797543-95-4	797543-96-5
797543-97-6	797543-98-7	797543-99-8	797544-00-4	797544-01-5
797544-02-6	797544-03-7	797544-04-8	797544-05-9	797544-06-0
797544-07-1	797544-08-2	797544-09-3	797544-10-6	797544-11-7
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797544-57-1	797544-58-2	797544-59-3	797544-60-6	797544-61-7
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797544-67-3	797544-68-4	797544-69-5	797544-70-8	797544-71-9
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797544-82-2	797544-83-3	797544-84-4	797544-85-5	797544-86-6
797544-87-7	797544-88-8	797544-89-9	797544-90-2	797544-91-3
797544-92-4	797544-93-5	797544-94-6	797544-95-7	797544-96-8
797544-97-9	797544-98-0	797544-99-1	797545-00-7	797545-01-8
797545-02-9	797545-03-0	797545-04-1	797545-05-2	797545-06-3
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797545-17-6	797545-18-7	797545-19-8	797545-20-1	797545-21-2
797545-22-3	797545-23-4	797545-24-5	797545-25-6	797545-26-7
797545-27-8	797545-28-9	797545-29-0	797545-30-3	797545-31-4
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797545-37-0 797545-38-1 797545-39-2 797545-40-5 797545-41-6
 797545-42-7 797545-43-8 797545-44-9 797545-45-0 797545-46-1
 797545-47-2 797545-48-3 797545-49-4 797545-50-7 797545-51-8
 797545-52-9

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU
 (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties);
 THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study);
 USES (Uses)

(amino acid sequence; Japanese macaque herpesvirus nucleic acid and
 polypeptide sequences and their use in disease model for multiple
 sclerosis and for screening therapeutic agents)

IT 797543-81-8

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU
 (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties);
 THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study);
 USES (Uses)

(nucleotide sequence; Japanese macaque herpesvirus nucleic acid and
 polypeptide sequences and their use in disease model for multiple
 sclerosis and for screening therapeutic agents)

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 9040-57-7, Ribonucleotide reductase 9068-78-4, Histidyl-tRNA synthetase
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RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU
 (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties);
 THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study);
 USES (Uses)

(sequence homolog; Japanese macaque herpesvirus nucleic acid and
 polypeptide sequences and their use in disease model for multiple
 sclerosis and for screening therapeutic agents)

IT 9001-16-5, Cytochrome oxidase

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU
 (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties);
 THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study);
 USES (Uses)

(subunit I, sequence homolog; Japanese macaque herpesvirus nucleic acid
 and polypeptide sequences and their use in disease model for multiple
 sclerosis and for screening therapeutic agents)

IT 797545-41-6

RL: ADV (Adverse effect, including toxicity); ANT (Analyte); BSU
 (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties);
 THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study);
 USES (Uses)

(amino acid sequence; Japanese macaque herpesvirus nucleic acid and
 polypeptide sequences and their use in disease model for multiple
 sclerosis and for screening therapeutic agents)

RN 797545-41-6 HCAPLUS

CN Protein (Japanese macaque herpesvirus interleukin 8 receptor sequence
 homolog gene JM160) (9CI) (CA INDEX NAME)

SEQ 1 MDALNNNLNL LMDFLSNYSN SYSSYDDNIS YTLDTSTLC RLTIIFPPTI
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L12 ANSWER 4 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:1012134 HCAPLUS
 DN 141:421056
 ED Entered STN: 24 Nov 2004
 TI Expressed sequence tags and encoded human proteins
 IN Edwards, Jean-Baptiste Dumas Milne; Duclert, Aymeric; Giordano, Jean-Yves
 PA Genset S.A., Fr.
 SO U.S., 72 pp., Cont.-in-part of Appl. No. PCT/IB99/00712.
 CODEN: USXXAM
 DT Patent
 LA English
 IC ICM C07K014-00
 ICS A61K038-00; C12Q001-68; C07H021-04
 INCL 530300000; 530309000; 530350000; 435006000; 435320100; 435325000;
 536023100; 536024100
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 13
 FAN.CNT 2

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	US 1998-69047	B2	19980428	<--	
	WO 1999-IB712	A2	19990409	<--	
	US 1999-471276	A3	19991221	<--	

CLASS
 PATENT NO. CLASS PATENT FAMILY CLASSIFICATION CODES

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 ICS A61K038-00; C12Q001-68; C07H021-04
 INCL 530300000; 530309000; 530350000; 435006000; 435320100;
 435325000; 536023100; 536024100
 US 6822072 NCL 530/300.000; 435/006.000; 435/320.100; 435/325.000;
 530/309.000; 530/350.000; 536/023.100; 536/024.100
 ECLA C07K014/47; C12N015/10D <--
 WO 9953051 ECLA C07K014/47; C12N015/10D <--
 US 2005106595 NCL 435/006.000
 ECLA C07K014/47; C12N015/10D <--

AB The sequences of 811 ESTs derived from the 5'-ends of mRNAs encoding secreted proteins from 29 different human tissues are disclosed. The 5' ESTs may be to obtain cDNAs and genomic DNAs corresponding to the 5' ESTs. The 5' ESTs may also be used in diagnostic, forensic, gene therapy, and chromosome mapping procedures. Upstream regulatory sequences may also be obtained using the 5' ESTs. The 5' ESTs may also be used to design expression vectors and secretion vectors.

ST EST secretory protein sequence; cDNA secretory protein sequence
 IT Transcription factors
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (bZIP, sequence homolog; expressed sequence tags and encoded human proteins)

IT Human
 Protein sequences
 cDNA sequences
 (expressed sequence tags and encoded human proteins)

IT EST (expressed sequence tag)
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (expressed sequence tags and encoded human proteins)

IT Signal peptides

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (expressed sequence tags and encoded human proteins)
 IT Animal tissue
 (gene expression patterns in; expressed sequence tags and encoded human
 proteins)
 IT cDNA
 RL: ANT (Analyte); PRP (Properties); ANST (Analytical study)
 (methods for identification and extended sequences of; expressed
 sequence tags and encoded human proteins)
 IT Promoter (genetic element)
 RL: ANT (Analyte); PRP (Properties); ANST (Analytical study)
 (methods for identification of; expressed sequence tags and encoded
 human proteins)
 IT Proteins
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (phosphatidylethanolamine-binding, sequence homolog; expressed sequence
 tags and encoded human proteins)
 IT Proteins
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (secretory; expressed sequence tags and encoded human proteins)
 IT Genetic element
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; expressed sequence tags and encoded human proteins)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; expressed sequence tags and encoded human proteins)

IT	795891-65-5	795891-66-6	795891-67-7	795891-68-8	795891-69-9
	795891-70-2	795891-71-3	795891-72-4	795891-73-5	795891-74-6
	795891-75-7	795891-76-8	795891-77-9	795891-78-0	795891-79-1
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	795891-85-9	795891-86-0	795891-87-1	795891-88-2	795891-89-3
	795891-90-6	795891-91-7	795891-92-8	795891-93-9	795891-94-0
	795891-95-1	795891-96-2	795891-97-3	795891-98-4	795891-99-5
	795892-00-1	795892-01-2	795892-02-3	795892-03-4	795892-04-5
	795892-05-6	795892-06-7	795892-07-8	795892-08-9	795892-09-0
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	795892-15-8	795892-16-9	795892-17-0	795892-18-1	795892-19-2
	795892-20-5	795892-21-6	795892-22-7	795892-23-8	795892-24-9
	795892-25-0	795892-26-1	795892-27-2	795892-28-3	795892-29-4
	795892-30-7	795892-31-8	795892-32-9	795892-33-0	795892-34-1
	795892-35-2	795892-36-3	795892-37-4	795892-38-5	795892-39-6
	795892-40-9	795892-41-0	795892-42-1	795892-43-2	795892-44-3

795892-45-4 795892-46-5 795892-47-6 795892-48-7 795892-49-8
 795892-50-1 795892-51-2 795892-52-3 795892-53-4
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; expressed sequence tags and encoded human
 proteins)

IT	795877-95-1	795877-96-2	795877-97-3	795877-98-4	795878-00-1
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	795878-14-7	795878-15-8	795878-16-9	795878-17-0	795878-18-1
	795878-19-2	795878-20-5	795878-21-6	795878-22-7	795878-23-8
	795878-24-9	795878-25-0	795878-26-1	795878-27-2	795878-28-3
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	795878-49-8	795878-50-1	795878-51-2	795878-52-3	795878-53-4
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	795879-54-8	795879-55-9	795879-56-0	795879-57-1	795879-58-2
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	795879-74-2	795879-75-3	795879-76-4	795879-77-5	795879-78-6
	795879-79-7	795879-80-0	795879-81-1	795879-82-2	795879-83-3
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	795879-89-9	795879-90-2	795879-91-3	795879-92-4	795879-93-5
	795879-94-6	795879-95-7	795879-96-8	795879-97-9	795879-98-0
	795879-99-1	795880-00-1	795880-01-2	795880-02-3	795880-03-4
	795880-04-5	795880-05-6	795880-06-7	795880-07-8	795880-08-9
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	795880-19-2	795880-20-5	795880-21-6	795880-22-7	795880-23-8
	795880-24-9	795880-25-0	795880-26-1	795880-27-2	795880-28-3
	795880-29-4	795880-30-7	795880-31-8	795880-32-9	795880-33-0

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; expressed sequence tags and encoded human
 proteins)

IT	795880-34-1	795880-35-2	795880-36-3	795880-37-4	795880-38-5
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	795880-44-3	795880-45-4	795880-46-5	795880-47-6	795880-48-7
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	795880-59-0	795880-60-3	795880-61-4	795880-62-5	795880-63-6
	795880-64-7	795880-65-8	795880-66-9	795880-67-0	795880-68-1
	795880-69-2	795880-70-5	795880-71-6	795880-72-7	795880-73-8
	795880-74-9	795880-75-0	795880-76-1	795880-77-2	795880-78-3

795880-79-4	795880-80-7	795880-81-8	795880-82-9	795880-83-0
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795880-94-3	795880-95-4	795880-96-5	795880-97-6	795880-98-7
795880-99-8	795881-00-4	795881-01-5	795881-02-6	795881-03-7
795881-04-8	795881-05-9	795881-06-0	795881-07-1	795881-08-2
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795881-34-4	795881-35-5	795881-36-6	795881-37-7	795881-38-8
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795881-44-6	795881-45-7	795881-46-8	795881-47-9	795881-48-0
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795881-54-8	795881-55-9	795881-56-0	795881-57-1	795881-58-2
795881-59-3	795881-60-6	795881-61-7	795881-62-8	795881-63-9
795881-64-0	795881-65-1	795881-66-2	795881-67-3	795881-68-4
795881-69-5	795881-70-8	795881-71-9	795881-72-0	795881-73-1
795881-74-2	795881-75-3	795881-76-4	795881-77-5	795881-78-6
795881-79-7	795881-80-0	795881-81-1	795881-82-2	795881-83-3
795881-84-4	795881-85-5	795881-86-6	795881-87-7	795881-88-8
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795881-94-6	795881-95-7	795881-96-8	795881-97-9	795881-98-0
795881-99-1	795882-00-7	795882-01-8	795882-02-9	795882-03-0
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795882-09-6	795882-10-9	795882-11-0	795882-12-1	795882-13-2
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795882-19-8	795882-20-1	795882-21-2	795882-22-3	795882-23-4
795882-24-5	795882-25-6	795882-26-7	795882-27-8	795882-28-9
795882-29-0	795882-30-3	795882-31-4	795882-32-5	795882-33-6
795882-34-7	795882-35-8	795882-36-9	795882-37-0	795882-38-1
795882-39-2	795882-40-5	795882-41-6	795882-42-7	795882-43-8
795882-44-9	795882-45-0	795882-46-1	795882-47-2	795882-48-3
795882-49-4	795882-50-7	795882-51-8	795882-52-9	795882-53-0
795882-54-1	795882-55-2	795882-56-3	795882-57-4	795882-58-5
795882-59-6	795882-60-9	795882-61-0	795882-62-1	795882-63-2
795882-64-3	795882-65-4	795882-66-5	795882-67-6	795882-68-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; expressed sequence tags and encoded human proteins)

IT	795882-69-8	795882-70-1	795882-71-2	795882-72-3	795882-73-4
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	795882-79-0	795882-80-3	795882-81-4	795882-82-5	795882-83-6
	795882-84-7	795882-85-8	795882-86-9	795882-87-0	795882-88-1
	795882-89-2	795882-90-5	795882-91-6	795882-92-7	795882-93-8
	795882-94-9	795882-95-0	795882-96-1	795882-97-2	795882-98-3
	795882-99-4	795883-00-0	795883-01-1	795883-02-2	795883-03-3
	795883-04-4	795883-05-5	795883-06-6	795883-07-7	795883-08-8
	795883-09-9	795883-10-2	795883-11-3	795883-12-4	795883-13-5
	795883-14-6	795883-15-7	795883-16-8	795883-17-9	795883-18-0
	795883-19-1	795883-20-4	795883-21-5	795883-22-6	795883-23-7
	795883-24-8	795883-25-9	795883-26-0	795883-27-1	795883-28-2
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	795883-34-0	795883-35-1	795883-36-2	795883-37-3	795883-38-4
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	795883-44-2	795883-45-3	795883-46-4	795883-47-5	795883-48-6
	795883-49-7	795883-50-0	795883-51-1	795883-52-2	795883-53-3
	795883-54-4	795883-55-5	795883-56-6	795883-57-7	795883-58-8
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	795883-64-6	795883-65-7	795883-66-8	795883-67-9	795883-68-0
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	795883-74-8	795883-75-9	795883-76-0	795883-77-1	795883-78-2
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	795883-84-0	795883-85-1	795883-86-2	795883-87-3	795883-88-4

795883-89-5	795883-90-8	795883-91-9	795883-92-0	795883-93-1
795883-94-2	795883-95-3	795883-96-4	795883-97-5	795883-98-6
795883-99-7	795884-00-3	795884-01-4	795884-02-5	795884-03-6
795884-04-7	795884-05-8	795884-06-9	795884-07-0	795884-08-1
795884-09-2	795884-10-5	795884-11-6	795884-12-7	795884-13-8
795884-14-9	795884-15-0	795884-16-1	795884-17-2	795884-18-3
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795884-39-8	795884-40-1	795884-41-2	795884-42-3	795884-43-4
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795884-54-7	795884-55-8	795884-56-9	795884-57-0	795884-58-1
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795884-89-8	795884-90-1	795884-91-2	795884-92-3	795884-93-4
795884-94-5	795884-95-6	795884-96-7	795884-97-8	795884-98-9
795884-99-0	795885-00-6	795885-01-7	795885-02-8	795885-03-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; expressed sequence tags and encoded human proteins)

IT	795885-04-0	795885-05-1	795885-06-2	795885-07-3	795885-08-4
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	795885-19-7	795885-20-0	795885-21-1	795885-22-2	795885-23-3
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	795885-29-9	795885-30-2	795885-31-3	795885-32-4	795885-33-5
	795885-34-6	795885-35-7	795885-36-8	795885-37-9	795885-38-0
	795885-39-1	795885-40-4	795885-41-5	795885-42-6	795885-43-7
	795885-44-8	795885-45-9	795885-46-0	795885-47-1	795885-48-2
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	795885-59-5	795885-60-8	795885-61-9	795885-62-0	795885-63-1
	795885-64-2	795885-65-3	795885-66-4	795885-67-5	795885-68-6
	795885-69-7	795885-70-0	795885-71-1	795885-72-2	795885-73-3
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	795885-84-6	795885-85-7	795885-86-8	795885-87-9	795885-88-0
	795885-89-1	795885-90-4	795885-91-5	795885-92-6	795892-54-5
	795892-55-6	795892-56-7	795892-57-8	795892-58-9	795892-59-0
	795892-60-3	795892-61-4	795892-62-5	795892-63-6	795892-64-7
	795892-65-8	795892-66-9	795892-67-0	795892-68-1	795892-69-2
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	795892-75-0	795892-76-1			

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; expressed sequence tags and encoded human proteins)

IT 9001-85-8, Lysophospholipase 9054-94-8, β -1,4-Galactosyltransferase
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (sequence homolog; expressed sequence tags and encoded human proteins)

IT	795899-24-0	795899-25-1	795899-26-2	795899-27-3	795899-28-4
	795899-29-5	795899-30-8	795899-31-9	795899-32-0	795899-33-1

RL: PRP (Properties)
 (unclaimed nucleotide sequence; expressed sequence tags and encoded human proteins)

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) Adams; NATURE 1995, V377 HCAPLUS

- (2) Adams; Nature Genetics 1993, V4, P373 HCAPLUS
- (3) Anon; EP 625572 A1 1994 HCAPLUS
- (4) Anon; WO 9634981 1996 HCAPLUS
- (5) Anon; WO 9738003 1997 HCAPLUS
- (6) Anon; WO 9807830 1998 HCAPLUS
- (7) Anon; WO 9845437 A2 1998 HCAPLUS
- (8) Anon; GenBank Acc No AA215334 1997
- (9) Anon; GenBank Acc No AA306438 1997
- (10) Anon; GenBank Acc No AA352450 1997
- (11) Anon; GenBank Acc No AC0044085 1998
- (12) Anon; GenBank Acc No J03075 1990
- (13) Anon; GenBank Acc No P14314 1990
- (14) Anon; GenBank Acc No U52112 1996
- (15) Caminci; GENOMICS, Article No 0567 1996, V37, P327
- (16) Greenwood; GENE 1995, P291 HCAPLUS
- (17) Hillier; Genome Research 1996, V6, P807 HCAPLUS
- (18) Kato; GENE 1994, P243
- (19) Lockhart; RESEARCH 1996, P1675 HCAPLUS
- (20) Tashiro; SCIENCE 1993, V261 HCAPLUS
- (21) Von Heijne, G; Nucleic Acids Research 1986, V14(11) HCAPLUS
- (22) Watson; Recombinant DNA, second edition 1994

IT 246877-97-4 795887-16-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; expressed sequence tags and encoded human proteins)

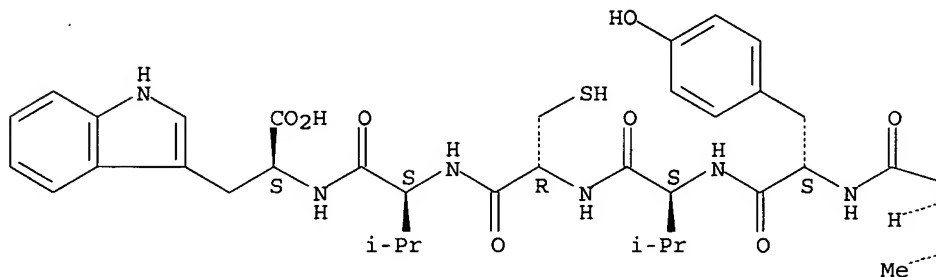
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SEQ 1 MCLSVLYLC VCVCLIR VYFCIYVCVW

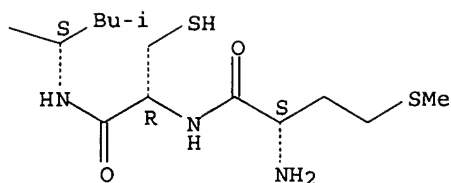
Absolute stereochemistry.

PAGE 1-A



Chemical structure of a linear peptide derivative, specifically a pentapeptide with a hydroxybenzyl side chain. The backbone consists of five amino acid residues linked by amide bonds. The side chains are: i-Pr (isopropyl), R (a variable group), i-Bu (isobutyl), Bu-i (isobutyl), and Pr-i (isopropyl). The structure shows stereochemistry with wedged and dashed bonds at the chiral centers. A hydroxyl group is attached to the benzyl ring.

PAGE 1-E



RN 795887-16-0 HCAPLUS
 CN Secretory protein (human clone US06822072-SEQID-949 precursor N-terminal fragment) (9CI) (CA INDEX NAME)

SEQ 1 MPVCFYSLIC FFIYFCLLSP RETIEEVALF QFSLXLGEG LTFLCLCQVM
 51 TNXMQLLFLS GVVCG

L12 ANSWER 5 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:934218 HCAPLUS
 DN 141:389900
 ED Entered STN: 06 Nov 2004
 TI Nucleic acids and their encoded polypeptides from human tissues
 IN Tang, Y. Tom; Wang, Zhiwei; Weng, Gezhi; Boyle, Bryan J.; Drmanac, Radoje T.
 PA USA
 SO U.S. Pat. Appl. Publ., 138 pp., Cont.-in-part of Appl. No. PCT/US01/02623.
 CODEN: USXXCO
 DT Patent
 LA English
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 ICS C07H021-04; C12N009-00
 INCL 435006000; 435069100; 435320100; 435325000; 435183000; 536023200
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 13, 63
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Search done by Noble Jarrell

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 US 2000-491404 B2 20000125 <--
 US 2000-552317 B2 20000425 <--
 WO 2000-US35017 A2 20001222 <--
 WO 2000-US35017 A 20001222 <--
 WO 2001-US2623 A2 20010125
 WO 2001-US3800 A 20010205
 WO 2001-US4927 A 20010226
 WO 2001-US4941 A 20010305
 WO 2001-US8631 A 20010330
 WO 2001-US8656 A 20010416
 US 2001-339453P P 20011211
 US 1999-471275 A 19991223 <--
 US 2000-496914 A 20000203 <--
 US 2000-515126 A 20000228 <--
 US 2000-519705 A 20000307 <--
 US 2000-540217 A 20000331 <--
 US 2000-552929 A 20000418 <--
 US 2000-560875 A 20000427 <--
 US 2000-577409 A 20000518 <--
 US 2000-574454 A 20000519 <--
 US 2000-596196 A 20000617 <--
 US 2000-649167 A 20000823 <--
 US 2000-653274 A 20000831 <--
 WO 2000-US35190 W 20001222 <--
 US 2001-770160 A 20010126
 US 2001-339739P P 20011210
 US 2002-365091P P 20020314
 US 2002-365384P P 20020314
 US 2002-372381P P 20020412
 US 2002-372615P P 20020412
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AB The present invention provides novel nucleic acids, novel polypeptide sequences encoded by these nucleic acids and uses thereof. Thus, 124 novel nucleic acids were obtained from cDNA libraries prepared from various human tissues and in some cases isolated from a genomic library derived from human chromosomes using standard PCR, SBH (sequencing-by-hybridization) sequence signature anal., and Sanger sequencing techniques. Novel contigs of the invention were assembled from sequences that were obtained from a cDNA library by the above methods, and in some cases sequences obtained from one or more public databases, using a recursive algorithm to extend the seed EST into an extended assemblage. Tissue expression profiles and nearest neighbor sequence homologies are provided. The sequences of this invention have applications in nucleic acid or polypeptide arrays, in the identification of binding mols., and in treatment of diseases.

ST protein cDNA sequence human
 IT Nucleic acid amplification (method)
 Reverse transcription
 (detection of polynucleotides by; nucleic acids and their encoded polypeptides from human tissues)

IT Immunoassay
 (detection of polypeptides by; nucleic acids and their encoded polypeptides from human tissues)

IT Animal tissue
 (gene expression in; nucleic acids and their encoded polypeptides from human tissues)

IT Computer application
 DNA microarray technology
 Drug screening
 Human
 Molecular cloning
 Protein microarray technology
 Protein motifs
 Protein sequences
 cDNA sequences
 (nucleic acids and their encoded polypeptides from human tissues)

IT Proteins
 cDNA
 mRNA
 RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (nucleic acids and their encoded polypeptides from human tissues)

IT Primers (nucleic acid)
 Probes (nucleic acid)
 RL: BUU (Biological use, unclassified); DGN (Diagnostic use); BIOL (Biological study); USES (Uses)
 (nucleic acids and their encoded polypeptides from human tissues)

IT Antibodies and Immunoglobulins
 RL: BUU (Biological use, unclassified); DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (nucleic acids and their encoded polypeptides from human tissues)

IT Genetic mapping
 (on human chromosomes; nucleic acids and their encoded polypeptides from human tissues)

IT Protein motifs
 (transmembrane domain; nucleic acids and their encoded polypeptides from human tissues)

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 787255-46-3P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (nucleotide sequence; nucleic acids and their encoded polypeptides from human tissues)

IT 787254-09-5P 787254-10-8P 787254-11-9P
 787255-86-1P

RL: ANT (Analyte); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); DGN (Diagnostic use); PRP (Properties); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (amino acid sequence; nucleic acids and their encoded polypeptides from human tissues)

RN 787254-09-5 HCAPLUS

CN Protein (human clone US20040219521-SEQID-188) (9CI) (CA INDEX NAME)

SEQ 1 MYKENLVIRIF RKKKRICHSF SSLFNLSTSK SWLHGSIFGD INSSPSEDNW
 51 LKGTRRLDLD HCNGNADDLD CSSLTDDWES GKMAESVIT SSSSHIISQP
 101 PGGNSHSLSL QSQLTASERF QENSSDHSET RLLQEVFFQA ILLAVCLIIS
 151 ACARWFMGEI LASVFTCSLM ITVAYVKSLF LSLASYFKTT ACARFVKI

RN 787254-10-8 HCAPLUS

CN Protein (human clone US20040219521-SEQID-189) (9CI) (CA INDEX NAME)

SEQ 1 MIHSTSLSFV YAGSSRLERE YAGELSPTCI FPSFTCDSLD GYHSFECGSI
 51 DPLTGSHYTC RRSRLLTNG YYIWTEDSFL CDKDGNTLN PSQTSVMYKE
 101 NLVIRIFRKKK RICHFSFSLF NLSTSKSWLH GSIFGDINSS PSEDNWLKGT
 151 RRLDTHCNG NADDLDCSSL TDDWESGKMN AESVITSSSS HIISQPPGGN
 201 SHSLSLQSQL TASERFQENS SDHSETRLQ EVFFQAILLA VCLIISACAR
 251 WFMGEILASV FTCSLMITVA YVKSFLSLA SYFKTTACAR FVKI

RN 787254-11-9 HCAPLUS

CN Protein (human clone US20040219521-SEQID-190) (9CI) (CA INDEX NAME)

SEQ 1 MRLHRSPDRL PLYLSPKPRL LTNGYYIWTE DSFLCDKDGNT ITLNPSQTSV
 51 MYKENLVIRIF RKKKRICHSF SSLFNLSTSK SWLHGSIFGD INSSPSEDNW
 101 LKGTRRLDLD HCNGNADDLD CSSLTDDWES GKMAESVIT SSSSHIISQP
 151 PGGNSHSLSL QSQLTASERF QENSSDHSET RLLQEVFFQA ILLAVCLIIS
 201 ACARWFMGEI LASVFTCSLM ITVAYVKSLF LSLASYFKTT ACARFVKI

RN 787255-86-1 HCAPLUS
 CN Protein (human clone US20040219521-SEQID-373 contig-encoded) (9CI) (CA
 INDEX NAME)

SEQ 1 XTSKSWLHGS IFGDINSSPS EDNWLKGTRR LDTDHCNGNA DDLDCSSLTD
 51 DWESGKMNAE SVITSSSSHI ISQPPGNSH SLSLQSQLTA SERFQENSSD
 101 HSETRLQEV FFQAILLAVC LIISACARWF MGEILASVFT CSLMITVAYV
 151 KSLFLSLASY FKTTACARFV KI

2004 0214 272
 107 425, 115

L12 ANSWER 6 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:930169 HCAPLUS
 DN 141:361551
 ED Entered STN: 06 Nov 2004
 TI Nucleic acid molecules and encoded proteins associated with plants and
 their uses for plant improvement
 IN Kovalic, David K.
 PA USA
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 424,599.
 CODEN: USXXCO
 DT Patent
 LA English
 IC A01H001-00; C07H021-04; C12N015-82; C12Q001-68
 INCL 800289000; 536236000
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 11

FAN.CNT 76

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004216190	A1	20041028	US 2003-739930	20031218
	US 2004031072	A1	20040212	US 2003-424599	20030428 <--
	US 2004214272	A1	20041028	US 2003-425115	20030428
	US 2004216190	A1	20041028	US 2003-739930	20031218
PRAI	US 2003-424599	A2	20030428		
	US 2003-425115	A2	20030428		
	US 2003-739930	A	20031218		
	US 1999-304517	B1	19990506	<--	
	US 2001-985678	B2	20011105		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004216190	IC	A01H001-00IC C07H021-04IC C12N015-82IC C12Q001-68
	INCL	800289000; 536236000
US 2004216190	NCL	800/289.000
US 2004031072	NCL	800/278.000
	ECLA	C07H021/04; C07K014/415 <--
US 2004214272	NCL	435/069.100
	ECLA	C07K014/415; C12N015/82C4; C12N015/82C8
US 2004216190	NCL	800/289.000
	ECLA	C07H021/04; C07K014/415; C12N015/82C4; C12N015/82C8

AB Recombinant polynucleotides useful for improvement of plants are provided.
 In particular, a total of 5544 cDNA sequences are provided from cDNA
 libraries generated from Arabidopsis thaliana, Brassica napus (rape), Zea
 mays (corn), Glycine max (soybean), and Triticum aestivum (wheat). The
 polypeptides encoded by these polynucleotide sequences are also provided.
 The open reading frame in each polynucleotide sequence is identified by a
 combination of predictive and homol. based methods. Functions of
 polypeptides are determined using a hierarchical classification tool (FuncAT)
 and five public classification schemes (GO_BP, GO_CC, GO_MF, KEGG, and EC)

and one internal Monsanto classification scheme (POI). The disclosed recombinant polynucleotides and polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of three records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.].

- ST plant protein cDNA sequence transformation; Arabidopsis protein cDNA sequence transformation; rape cDNA sequence plant transformation; corn cDNA sequence plant transformation; soybean cDNA sequence plant transformation; wheat cDNA sequence plant transformation
- IT Stress, plant
 - (cold, improved tolerance to; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Stress, plant
 - (heat, improved tolerance to; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Recombination, genetic
 - (homologous, improved rate of; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Cell cycle
 - (improved growth rate by manipulation of; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Proteins
 - RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 - (improved production of seed; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Growth regulators, plant
 - RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 - (improved production of; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Fats and Glyceridic oils, biological studies
 - RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 - (improved production of; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Pathogen
 - (improved tolerance to; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Carbohydrates, biological studies
 - RL: BSU (Biological study, unclassified); BIOL (Biological study)
 - (improved use and/or uptake of; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Disease resistance, plant
 - Growth and development, plant
 - Herbicide resistance
 - Photosynthesis, biological
 - (improvement of; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Arabidopsis thaliana
 - Brassica napus
 - Embryophyta
 - Glycine max
 - Protein sequences
 - Transformation, genetic
 - Triticum aestivum
 - Zea mays
 - cDNA sequences
 - (nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)
- IT Proteins
 - cDNA
 - RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT Transcription factors
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT Stress, plant
 (osmotic, improved tolerance to; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT Stress, plant
 (water deficiency, improved tolerance to; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT	778243-81-5	778243-82-6	778243-83-7	778243-84-8	778243-85-9
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(amino acid sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT 778246-16-5 778246-17-6 778246-18-7 778246-19-8 778246-20-1

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT	778248-51-4	778248-52-5	778248-53-6	778248-54-7	778248-55-8
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	778248-76-3	778248-77-4	778248-78-5	778248-79-6	778248-80-9
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	778248-86-5	778248-87-6	778248-88-7	778248-89-8	778248-90-1
	778248-91-2	778248-92-3	778248-93-4	778248-94-5	778248-95-6
	778248-96-7	778248-97-8	778248-98-9	778248-99-0	778249-00-6
	778249-01-7	778249-02-8	778249-03-9	778249-04-0	778249-05-1
	778249-06-2	778249-07-3	778249-08-4	778249-09-5	778249-10-8
	778249-11-9	778249-12-0	778249-13-1	778249-14-2	778249-15-3
	778249-16-4	778249-17-5	778249-18-6	778249-19-7	778249-20-0
	778249-21-1	778249-22-2	778249-23-3	778249-24-4	
	778249-25-5	778249-26-6	778249-27-7	778249-28-8	778249-29-9

778249-30-2	778249-31-3	778249-32-4	778249-33-5	778249-34-6
778249-35-7	778249-36-8	778249-37-9	778249-38-0	778249-39-1
778249-40-4	778249-41-5	778249-42-6	778249-43-7	778249-44-8
778249-45-9	778249-46-0	778249-47-1	778249-48-2	778249-49-3
778249-50-6	778249-51-7	778249-52-8	778249-53-9	778249-54-0
778249-55-1	778249-56-2	778249-57-3	778249-58-4	778249-59-5
778249-60-8	778249-61-9	778249-62-0	778249-63-1	778249-64-2
778249-65-3	778249-66-4	778249-67-5	778249-68-6	778249-69-7
778249-70-0	778249-71-1	778249-72-2	778249-73-3	778249-74-4
778249-75-5	778249-76-6	778249-77-7	778249-78-8	778249-79-9
778249-80-2	778249-81-3	778249-82-4	778249-83-5	778249-84-6
778249-85-7	778249-86-8	778249-87-9	778249-88-0	778249-89-1
778249-90-4	778249-91-5	778249-92-6	778249-93-7	778249-94-8
778249-95-9	778249-96-0	778249-97-1	778249-98-2	778249-99-3
778250-00-3	778250-01-4	778250-02-5	778250-03-6	778250-04-7
778250-05-8	778250-06-9	778250-07-0	778250-08-1	778250-09-2
778250-10-5	778250-11-6	778250-12-7	778250-13-8	778250-14-9
778250-15-0	778250-16-1	778250-17-2	778250-18-3	778250-19-4
778250-20-7	778250-21-8	778250-22-9	778250-23-0	778250-24-1
778250-25-2	778250-26-3	778250-27-4	778250-28-5	778250-29-6
778250-30-9	778250-31-0	778250-32-1	778250-33-2	778250-34-3
778250-35-4	778250-36-5	778250-37-6	778250-38-7	778250-39-8
778250-40-1	778250-41-2	778250-42-3	778250-43-4	778250-44-5
778250-45-6	778250-46-7	778250-47-8	778250-48-9	778250-49-0
778250-50-3	778250-51-4	778250-52-5	778250-53-6	778250-54-7
778250-55-8	778250-56-9	778250-57-0	778250-58-1	778250-59-2
778250-60-5	778250-61-6	778250-62-7	778250-63-8	778250-64-9
778250-65-0	778250-66-1	778250-67-2	778250-68-3	778250-69-4
778250-70-7	778250-71-8	778250-72-9	778250-73-0	778250-74-1
778250-75-2	778250-76-3	778250-77-4	778250-78-5	778250-79-6
778250-80-9	778250-81-0	778250-82-1	778250-83-2	778250-84-3
778250-85-4				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; nucleic acid mols. and encoded proteins associated
 with plants and their uses for plant improvement)

IT	778250-86-5	778250-87-6	778250-88-7	778250-89-8	778250-90-1
	778250-91-2	778250-92-3	778250-93-4	778250-94-5	778250-95-6
	778250-96-7	778250-97-8	778250-98-9	778250-99-0	778251-00-6
	778251-01-7	778251-02-8	778251-03-9	778251-04-0	778251-05-1
	778251-06-2	778251-07-3	778251-08-4	778251-09-5	778251-10-8
	778251-11-9	778251-12-0	778251-13-1	778251-14-2	778251-15-3
	778251-16-4	778251-17-5	778251-18-6	778251-19-7	778251-20-0
	778251-21-1	778251-22-2	778251-23-3	778251-24-4	778251-25-5
	778251-26-6	778251-27-7	778251-28-8	778251-29-9	778251-30-2
	778251-31-3	778251-32-4	778251-33-5	778251-34-6	778251-35-7
	778251-36-8	778251-37-9	778251-38-0	778251-39-1	778251-40-4
	778251-41-5	778251-42-6	778251-43-7	778251-44-8	778251-45-9
	778251-46-0	778251-47-1	778251-48-2	778251-49-3	778251-50-6
	778251-51-7	778251-52-8	778251-53-9	778251-54-0	778251-55-1
	778251-56-2	778251-57-3	778251-58-4	778251-59-5	778251-60-8
	778251-61-9	778251-62-0	778251-63-1	778251-64-2	778251-65-3
	778251-66-4	778251-67-5	778251-68-6	778251-69-7	778251-70-0
	778251-71-1	778251-72-2	778251-73-3	778251-74-4	778251-75-5
	778251-76-6	778251-77-7	778251-78-8	778251-79-9	778251-80-2
	778251-81-3	778251-82-4	778251-83-5	778251-84-6	778251-85-7
	778251-86-8	778251-87-9	778251-88-0	778251-89-1	778251-90-4
	778251-91-5	778251-92-6	778251-93-7	778251-94-8	778251-95-9
	778251-96-0	778251-97-1	778251-98-2	778251-99-3	778252-00-9
	778252-01-0	778252-02-1	778252-03-2	778252-04-3	778252-05-4
	778252-06-5	778252-07-6	778252-08-7	778252-09-8	778252-10-1
	778252-11-2	778252-12-3	778252-13-4	778252-14-5	778252-15-6
	778252-16-7	778252-17-8	778252-18-9	778252-19-0	778252-20-3
	778252-21-4	778252-22-5	778252-23-6	778252-24-7	778252-25-8
	778252-26-9	778252-27-0	778252-28-1	778252-29-2	778252-30-5
	778252-31-6	778252-32-7	778252-33-8	778252-34-9	778252-35-0

778252-36-1	778252-37-2	778252-38-3	778252-39-4	778252-40-7
778252-41-8	778252-42-9	778252-43-0	778252-44-1	778252-45-2
778252-46-3	778252-47-4	778252-48-5	778252-49-6	778252-50-9
778252-51-0	778252-52-1	778252-53-2	778252-54-3	778252-55-4
778252-56-5	778252-57-6	778252-58-7	778252-59-8	778252-60-1
778252-61-2	778252-62-3	778252-63-4	778252-64-5	778252-65-6
778252-66-7	778252-67-8	778252-68-9	778252-69-0	778252-70-3
778252-71-4	778252-72-5	778252-73-6	778252-74-7	778252-75-8
778252-76-9	778252-77-0	778252-78-1	778252-79-2	778252-80-5
778252-81-6	778252-82-7	778252-83-8	778252-84-9	778252-85-0
778252-86-1	778252-87-2	778252-88-3	778252-89-4	778252-90-7
778252-91-8	778252-92-9	778252-93-0	778252-94-1	778252-95-2
778252-96-3	778252-97-4	778252-98-5	778252-99-6	778253-00-2
778253-01-3	778253-02-4	778253-03-5	778253-04-6	778253-05-7
778253-06-8	778253-07-9	778253-08-0	778253-09-1	778253-10-4
778253-11-5	778253-12-6	778253-13-7	778253-14-8	778253-15-9
778253-16-0	778253-17-1	778253-18-2	778253-19-3	778253-20-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT	778253-21-7	778253-22-8	778253-23-9	778253-24-0	778253-25-1
	778253-26-2	778253-27-3	778253-28-4	778253-29-5	778253-30-8
	778253-31-9	778253-32-0	778253-33-1	778253-34-2	778253-35-3
	778253-36-4	778253-37-5	778253-38-6	778253-39-7	778253-40-0
	778253-41-1	778253-42-2	778253-43-3	778253-44-4	778253-45-5
	778253-46-6	778253-47-7	778253-48-8	778253-49-9	778253-50-2
	778253-51-3	778253-52-4	778253-53-5	778253-54-6	778253-55-7
	778253-56-8	778253-57-9	778253-58-0	778253-59-1	778253-60-4
	778253-61-5	778253-62-6	778253-63-7	778253-64-8	778253-65-9
	778253-66-0	778253-67-1	778253-68-2	778253-69-3	778253-70-6
	778253-71-7	778253-72-8	778253-73-9	778253-74-0	778253-75-1
	778253-76-2	778253-77-3	778253-78-4	778253-79-5	778253-80-8
	778253-81-9	778253-82-0	778253-83-1	778253-84-2	778253-85-3
	778253-86-4	778253-87-5	778253-88-6	778253-89-7	778253-90-0
	778253-91-1	778253-92-2	778253-93-3	778253-94-4	778253-95-5
	778253-96-6	778253-97-7	778253-98-8	778253-99-9	778254-00-5
	778254-01-6	778254-02-7	778254-03-8	778254-04-9	778254-05-0
	778254-06-1	778254-07-2	778254-08-3	778254-09-4	778254-10-7
	778254-11-8	778254-12-9	778254-13-0	778254-14-1	778254-15-2
	778254-16-3	778254-17-4	778254-18-5	778254-19-6	778254-20-9
	778254-21-0	778254-22-1	778254-23-2	778254-24-3	778254-25-4
	778254-26-5	778254-27-6	778254-28-7	778254-29-8	778254-30-1
	778254-31-2	778254-32-3	778254-33-4	778254-34-5	778254-35-6
	778254-36-7	778254-37-8	778254-38-9	778254-39-0	778254-40-3
	778254-41-4	778254-42-5	778254-43-6	778254-44-7	778254-45-8
	778254-46-9	778254-47-0	778254-48-1	778254-49-2	778254-50-5
	778254-51-6	778254-52-7	778254-53-8	778254-54-9	778254-55-0
	778254-56-1	778254-57-2	778254-58-3	778254-59-4	778254-60-7
	778254-61-8	778254-62-9	778254-63-0	778254-64-1	778254-65-2
	778254-66-3	778254-67-4	778254-68-5	778254-69-6	778254-70-9
	778254-71-0	778254-72-1	778254-73-2	778254-74-3	778254-75-4
	778254-76-5	778254-77-6	778254-78-7	778254-79-8	778254-80-1
	778254-81-2	778254-82-3	778254-83-4	778254-84-5	778254-85-6
	778254-86-7	778254-87-8	778254-88-9	778254-89-0	778254-90-3
	778254-91-4	778254-92-5	778254-93-6	778254-94-7	778254-95-8
	778254-96-9	778254-97-0	778254-98-1	778254-99-2	778255-00-8
	778255-01-9	778255-02-0	778255-03-1	778255-04-2	778255-05-3
	778255-06-4	778255-07-5	778255-08-6	778255-09-7	778255-10-0
	778255-11-1	778255-12-2	778255-13-3	778255-14-4	778255-15-5
	778255-16-6	778255-17-7	778255-18-8	778255-19-9	778255-20-2
	778255-21-3	778255-22-4	778255-23-5	778255-24-6	778255-25-7
	778255-26-8	778255-27-9	778255-28-0	778255-29-1	778255-30-4
	778255-31-5	778255-32-6	778255-33-7	778255-34-8	778255-35-9
	778255-36-0	778255-37-1	778255-38-2	778255-39-3	778255-40-6
	778255-41-7	778255-42-8	778255-43-9	778255-44-0	778255-45-1

778255-46-2 778255-47-3 778255-48-4 778255-49-5 778255-50-8
 778255-51-9 778255-52-0 778255-53-1 778255-54-2 778255-55-3
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; nucleic acid mols. and encoded proteins associated
 with plants and their uses for plant improvement)

IT	778255-56-4	778255-57-5	778255-58-6	778255-59-7	778255-60-0
	778255-61-1	778255-62-2	778255-63-3	778255-64-4	778255-65-5
	778255-66-6	778255-67-7	778255-68-8	778255-69-9	778255-70-2
	778255-71-3	778255-72-4	778255-73-5	778255-74-6	778255-75-7
	778255-76-8	778255-77-9	778255-78-0	778255-79-1	778255-80-4
	778255-81-5	778255-82-6	778255-83-7	778255-84-8	778255-85-9
	778255-86-0	778255-87-1	778255-88-2	778255-89-3	778255-90-6
	778255-91-7	778255-92-8	778255-93-9	778255-94-0	778255-95-1
	778255-96-2	778255-97-3	778255-98-4	778255-99-5	778256-00-1
	778256-01-2	778256-02-3	778256-03-4	778256-04-5	778256-05-6
	778256-06-7	778256-07-8	778256-08-9	778256-09-0	778256-10-3
	778256-11-4	778256-12-5	778256-13-6	778256-14-7	778256-15-8
	778256-16-9	778256-17-0	778256-18-1	778256-19-2	778256-20-5
	778256-21-6	778256-22-7	778256-23-8	778256-24-9	778256-25-0
	778256-26-1	778256-27-2	778256-28-3	778256-29-4	778256-30-7
	778256-31-8	778256-32-9	778256-33-0	778256-34-1	778256-35-2
	778256-36-3	778256-37-4	778256-38-5	778256-39-6	778256-40-9
	778256-41-0	778256-42-1	778256-43-2	778256-44-3	778256-45-4
	778256-46-5	778256-47-6	778256-48-7	778256-49-8	778256-50-1
	778256-51-2	778256-52-3	778256-53-4	778256-54-5	778256-55-6
	778256-56-7	778256-57-8	778256-58-9	778256-59-0	778256-60-3
	778256-61-4	778256-62-5	778256-63-6	778256-64-7	778256-65-8
	778256-66-9	778256-67-0	778256-68-1	778256-69-2	778256-70-5
	778256-71-6	778256-72-7	778256-73-8	778256-74-9	778256-75-0
	778256-76-1	778256-77-2	778256-78-3	778256-79-4	778256-80-7
	778256-81-8	778256-82-9	778256-83-0	778256-84-1	778256-85-2
	778256-86-3	778256-87-4	778256-88-5	778256-89-6	778256-90-9
	778256-91-0	778256-92-1	778256-93-2	778256-94-3	778256-95-4
	778256-96-5	778256-97-6	778256-98-7	778256-99-8	778257-00-4
	778257-01-5	778257-02-6	778257-03-7	778257-04-8	778257-05-9
	778257-06-0	778257-07-1	778257-08-2	778257-09-3	778257-10-6
	778257-11-7	778257-12-8	778257-13-9	778257-14-0	778257-15-1
	778257-16-2	778257-17-3	778257-18-4	778257-19-5	778257-20-8
	778257-21-9	778257-22-0	778257-23-1	778257-24-2	778257-25-3
	778257-26-4	778257-27-5	778257-28-6	778257-29-7	778257-30-0
	778257-31-1	778257-32-2	778257-33-3	778257-34-4	778257-35-5
	778257-36-6	778257-37-7	778257-38-8	778257-39-9	778257-40-2
	778257-41-3	778257-42-4	778257-43-5	778257-44-6	778257-45-7
	778257-46-8	778257-47-9	778257-48-0	778257-49-1	778257-50-4
	778257-51-5	778257-52-6	778257-53-7	778257-54-8	778257-55-9
	778257-56-0	778257-57-1	778257-58-2	778257-59-3	778257-60-6
	778257-61-7	778257-62-8	778257-63-9	778257-64-0	778257-65-1
	778257-66-2	778257-67-3	778257-68-4	778257-69-5	778257-70-8
	778257-71-9	778257-72-0	778257-73-1	778257-74-2	778257-75-3
	778257-76-4	778257-77-5	778257-78-6	778257-79-7	778257-80-0
	778257-81-1	778257-82-2	778257-83-3	778257-84-4	778257-85-5
	778257-86-6	778257-87-7	778257-88-8	778257-89-9	778257-90-2

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; nucleic acid mols. and encoded proteins associated
 with plants and their uses for plant improvement)

IT	778257-91-3	778257-92-4	778257-93-5	778257-94-6	778257-95-7
	778257-96-8	778257-97-9	778257-98-0	778257-99-1	778258-00-7
	778258-01-8	778258-02-9	778258-03-0	778258-04-1	778258-05-2
	778258-06-3	778258-07-4	778258-08-5	778258-09-6	778258-10-9
	778258-11-0	778258-12-1	778258-13-2	778258-14-3	778258-15-4
	778258-16-5	778258-17-6	778258-18-7	778258-19-8	778258-20-1
	778258-21-2	778258-22-3	778258-23-4	778258-24-5	778258-25-6
	778258-26-7	778258-27-8	778258-28-9	778258-29-0	778258-30-3
	778258-31-4	778258-32-5	778258-33-6	778258-34-7	778258-35-8

778258-36-9	778258-37-0	778258-38-1	778258-39-2	778258-40-5
778258-41-6	778258-42-7	778258-43-8	778258-44-9	778258-45-0
778258-46-1	778258-47-2	778258-48-3	778258-49-4	778258-50-7
778258-51-8	778258-52-9	778258-53-0	778258-54-1	778258-55-2
778258-56-3	778258-57-4	778258-58-5	778258-59-6	778258-60-9
778258-61-0	778258-62-1	778258-63-2	778258-64-3	778258-65-4
778258-66-5	778258-67-6	778258-68-7	778258-69-8	778258-70-1
778258-71-2	778258-72-3	778258-73-4	778258-74-5	778258-75-6
778258-76-7	778258-77-8	778258-78-9	778258-79-0	778258-80-3
778258-81-4	778258-82-5	778258-83-6	778258-84-7	778258-85-8
778258-86-9	778258-87-0	778258-88-1	778258-89-2	778258-90-5
778258-91-6	778258-92-7	778258-93-8	778258-94-9	778258-95-0
778258-96-1	778258-97-2	778258-98-3	778258-99-4	778259-00-0
778259-01-1	778259-02-2	778259-03-3	778259-04-4	778259-05-5
778259-06-6	778259-07-7	778259-08-8	778259-09-9	778259-10-2
778259-11-3	778259-12-4	778259-13-5	778259-14-6	778259-15-7
778259-16-8	778259-17-9	778259-18-0	778259-19-1	778259-20-4
778259-21-5	778259-22-6	778259-23-7	778259-24-8	778259-25-9
778259-26-0	778259-27-1	778259-28-2	778259-29-3	778259-30-6
778259-31-7	778259-32-8	778259-33-9	778259-34-0	778259-35-1
778259-36-2	778259-37-3	778259-38-4	778259-39-5	778259-40-8
778259-41-9	778259-42-0	778259-43-1	778259-44-2	778259-45-3
778259-46-4	778259-47-5	778259-48-6	778259-49-7	778259-50-0
778259-51-1	778259-52-2	778259-53-3	778259-54-4	778259-55-5
778259-56-6	778259-57-7	778259-58-8	778259-59-9	778259-60-2
778259-61-3	778259-62-4	778259-63-5	778259-64-6	778259-65-7
778259-66-8	778259-67-9	778259-68-0	778259-69-1	778259-70-4
778259-71-5	778259-72-6	778259-73-7	778259-74-8	778259-75-9
778259-76-0	778259-77-1	778259-78-2	778259-79-3	778259-80-6
778259-81-7	778259-82-8	778259-83-9	778259-84-0	778259-85-1
778259-86-2	778259-87-3	778259-88-4	778259-89-5	778259-90-8
778259-91-9	778259-92-0	778259-93-1	778259-94-2	778259-95-3
778259-96-4	778259-97-5	778259-98-6	778259-99-7	778260-00-7
778260-01-8	778260-02-9	778260-03-0	778260-04-1	778260-05-2
778260-06-3	778260-07-4	778260-08-5	778260-09-6	778260-10-9
778260-11-0	778260-12-1	778260-13-2	778260-14-3	778260-15-4
778260-16-5	778260-17-6	778260-18-7	778260-19-8	778260-20-1
778260-21-2	778260-22-3	778260-23-4	778260-24-5	778260-25-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; nucleic acid mols. and encoded proteins associated
 with plants and their uses for plant improvement)

IT	778260-26-7	778260-27-8	778260-28-9	778260-29-0	778260-30-3
	778260-31-4	778260-32-5	778260-33-6	778260-34-7	778260-35-8
	778260-36-9	778260-37-0	778260-38-1	778260-39-2	778260-40-5
	778260-41-6	778260-42-7	778260-43-8	778260-44-9	778260-45-0
	778260-46-1	778260-47-2	778260-48-3	778260-49-4	778260-50-7
	778260-51-8	778260-52-9	778260-53-0	778260-54-1	778260-55-2
	778260-56-3	778260-57-4	778260-58-5	778260-59-6	778260-60-9
	778260-61-0	778260-62-1	778260-63-2	778260-64-3	778260-65-4
	778260-66-5	778260-67-6	778260-68-7	778260-69-8	778260-70-1
	778260-71-2	778260-72-3	778260-73-4	778260-74-5	778260-75-6
	778260-76-7	778260-77-8	778260-78-9	778260-79-0	778260-80-3
	778260-81-4	778260-82-5	778260-83-6	778260-84-7	778260-85-8
	778260-86-9	778260-87-0	778260-88-1	778260-89-2	778260-90-5
	778260-91-6	778260-92-7	778260-93-8	778260-94-9	778260-95-0
	778260-96-1	778260-97-2	778260-98-3	778260-99-4	778261-00-0
	778261-01-1	778261-02-2	778261-03-3	778261-04-4	778261-05-5
	778261-06-6	778261-07-7	778261-08-8	778261-09-9	778261-10-2
	778261-11-3	778261-12-4	778261-13-5	778261-14-6	778261-15-7
	778261-16-8	778261-17-9	778261-18-0	778261-19-1	778261-20-4
	778261-21-5	778261-22-6	778261-23-7	778261-24-8	778261-25-9
	778261-26-0	778261-27-1	778261-28-2	778261-29-3	778261-30-6
	778261-31-7	778261-32-8	778261-33-9	778261-34-0	778261-35-1
	778261-36-2	778261-37-3	778261-38-4	778261-39-5	778261-40-8
	778261-41-9	778261-42-0	778261-43-1	778261-44-2	778261-45-3

778261-46-4	778261-47-5	778261-48-6	778261-49-7	778261-50-0
778261-51-1	778261-52-2	778261-53-3	778261-54-4	778261-55-5
778261-56-6	778261-57-7	778261-58-8	778261-59-9	778261-60-2
778261-61-3	778261-62-4	778261-63-5	778261-64-6	778261-65-7
778261-66-8	778261-67-9	778261-68-0	778261-69-1	778261-70-4
778261-71-5	778261-72-6	778261-73-7	778261-74-8	778261-75-9
778261-76-0	778261-77-1	778261-78-2	778261-79-3	778261-80-6
778261-81-7	778261-82-8	778261-83-9	778261-84-0	778261-85-1
778261-86-2	778261-87-3	778261-88-4	778261-89-5	778261-90-8
778261-91-9	778261-92-0	778261-93-1	778261-94-2	778261-95-3
778261-96-4	778261-97-5	778261-98-6	778261-99-7	778262-00-3
778262-01-4	778262-02-5	778262-03-6	778262-04-7	778262-05-8
778262-06-9	778262-07-0	778262-08-1	778262-09-2	778262-10-5
778262-11-6	778262-12-7	778262-13-8	778262-14-9	778262-15-0
778262-16-1	778262-17-2	778262-18-3	778262-19-4	778262-20-7
778262-21-8	778262-22-9	778262-23-0	778262-24-1	778262-25-2
778262-26-3	778262-27-4	778262-28-5	778262-29-6	778262-30-9
778262-31-0	778262-32-1	778262-33-2	778262-34-3	778262-35-4
778262-36-5	778262-37-6	778262-38-7	778262-39-8	778262-40-1
778262-41-2	778262-42-3	778262-43-4	778262-44-5	778262-45-6
778262-46-7	778262-47-8	778262-48-9	778262-49-0	778262-50-3
778262-51-4	778262-52-5	778262-53-6	778262-54-7	778262-55-8
778262-56-9	778262-57-0	778262-58-1	778262-59-2	778262-60-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT	778262-61-6	778262-62-7	778262-63-8	778262-64-9	778262-65-0
	778262-66-1	778262-67-2	778262-68-3	778262-69-4	778262-70-7
	778262-71-8	778262-72-9	778262-73-0	778262-74-1	778262-75-2
	778262-76-3	778262-77-4	778262-78-5	778262-79-6	778262-80-9
	778262-81-0	778262-82-1	778262-83-2	778262-84-3	778262-85-4
	778262-86-5	778262-87-6	778262-88-7	778262-89-8	778262-90-1
	778262-91-2	778262-92-3	778262-93-4	778262-94-5	778262-95-6
	778262-96-7	778262-97-8	778262-98-9	778262-99-0	778263-00-6
	778263-01-7	778263-02-8	778263-03-9	778263-04-0	778263-05-1
	778263-06-2	778263-07-3	778263-08-4	778263-09-5	778263-10-8
	778263-11-9	778263-12-0	778263-13-1	778263-14-2	778263-15-3
	778263-16-4	778263-17-5	778263-18-6	778263-19-7	778263-20-0
	778263-21-1	778263-22-2	778263-23-3	778263-24-4	778263-25-5
	778263-26-6	778263-27-7	778263-28-8	778263-29-9	778263-30-2
	778263-31-3	778263-32-4	778263-33-5	778263-34-6	778263-35-7
	778263-36-8	778263-37-9	778263-38-0	778263-39-1	778263-40-4
	778263-41-5	778263-42-6	778263-43-7	778263-44-8	778263-45-9
	778263-46-0	778263-47-1	778263-48-2	778263-49-3	778263-50-6
	778263-51-7	778263-52-8	778263-53-9	778263-54-0	778263-55-1
	778263-56-2	778263-57-3	778263-58-4	778263-59-5	778263-60-8
	778263-61-9	778263-62-0	778263-63-1	778263-64-2	778263-65-3
	778263-66-4	778263-67-5	778263-68-6	778263-69-7	778263-70-0
	778263-71-1	778263-72-2	778263-73-3	778263-74-4	778263-75-5
	778263-76-6	778263-77-7	778263-78-8	778263-79-9	778263-80-2
	778263-81-3	778263-82-4	778263-83-5	778263-84-6	778263-85-7
	778263-86-8	778263-87-9	778263-88-0	778263-89-1	778263-90-4
	778263-91-5	778263-92-6	778263-93-7	778263-94-8	778263-95-9
	778263-96-0	778263-97-1	778263-98-2	778263-99-3	778264-00-9
	778264-01-0	778264-02-1	778264-03-2	778264-04-3	778264-05-4
	778264-06-5	778264-07-6	778264-08-7	778264-09-8	778264-10-1
	778264-11-2	778264-12-3	778264-13-4	778264-14-5	778264-15-6
	778264-16-7	778264-17-8	778264-18-9	778264-19-0	778264-20-3
	778264-21-4	778264-22-5	778264-23-6	778264-24-7	778264-25-8
	778264-26-9	778264-27-0	778264-28-1	778264-29-2	778264-30-5
	778264-31-6	778264-32-7	778264-33-8	778264-34-9	778264-35-0
	778264-36-1	778264-37-2	778264-38-3	778264-39-4	778264-40-7
	778264-41-8	778264-42-9	778264-43-0	778264-44-1	778264-45-2
	778264-46-3	778264-47-4	778264-48-5	778264-49-6	778264-50-9
	778264-51-0	778264-52-1	778264-53-2	778264-54-3	778264-55-4

778264-56-5	778264-57-6	778264-58-7	778264-59-8	778264-60-1
778264-61-2	778264-62-3	778264-63-4	778264-64-5	778264-65-6
778264-66-7	778264-67-8	778264-68-9	778264-69-0	778264-70-3
778264-71-4	778264-72-5	778264-73-6	778264-74-7	778264-75-8
778264-76-9	778264-77-0	778264-78-1	778264-79-2	778264-80-5
778264-81-6	778264-82-7	778264-83-8	778264-84-9	778264-85-0
778264-86-1	778264-87-2	778264-88-3	778264-89-4	778264-90-7
778264-91-8	778264-92-9	778264-93-0	778264-94-1	778264-95-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT	778264-96-3	778264-97-4	778264-98-5	778264-99-6	778265-00-2
	778265-01-3	778265-02-4	778265-03-5	778265-04-6	778265-05-7
	778265-06-8	778265-07-9	778265-08-0	778265-09-1	778265-10-4
	778265-11-5	778265-12-6	778265-13-7	778265-14-8	778265-15-9
	778265-16-0	778265-17-1	778265-18-2	778265-19-3	778265-20-6
	778265-21-7	778265-22-8	778265-23-9	778265-24-0	778265-25-1
	778265-26-2	778265-27-3	778265-28-4	778265-29-5	778265-30-8
	778265-31-9	778265-32-0	778265-33-1	778265-34-2	778265-35-3
	778265-36-4	778265-37-5	778265-38-6	778265-39-7	778265-40-0
	778265-41-1	778265-42-2	778265-43-3	778265-44-4	778265-45-5
	778265-46-6	778265-47-7	778265-48-8	778265-49-9	778265-50-2
	778265-51-3	778265-52-4	778265-53-5	778265-54-6	778265-55-7
	778265-56-8	778265-57-9	778265-58-0	778265-59-1	778265-60-4
	778265-61-5	778265-62-6	778265-63-7	778265-64-8	778265-65-9
	778265-66-0	778265-67-1	778265-68-2	778265-69-3	778265-70-6
	778265-71-7	778265-72-8	778265-73-9	778265-74-0	778265-75-1
	778265-76-2	778265-77-3	778265-78-4	778265-79-5	778265-80-8
	778265-81-9	778265-82-0	778265-83-1	778265-84-2	778265-85-3
	778265-86-4	778265-87-5	778265-88-6	778265-89-7	778265-90-0
	778265-91-1	778265-92-2	778265-93-3	778265-94-4	778265-95-5
	778265-96-6	778265-97-7	778265-98-8	778265-99-9	778266-00-5
	778266-01-6	778266-02-7	778266-03-8	778266-04-9	778266-05-0
	778266-06-1	778266-07-2	778266-08-3	778266-09-4	778266-10-7
	778266-11-8	778266-12-9	778266-13-0	778266-14-1	778266-15-2
	778266-16-3	778266-17-4	778266-18-5	778266-19-6	778266-20-9
	778266-21-0	778266-22-1	778266-23-2	778266-24-3	778266-25-4
	778266-26-5	778266-27-6	778266-28-7	778266-29-8	778266-30-1
	778266-31-2	778266-32-3	778266-33-4	778266-34-5	778266-35-6
	778266-36-7	778266-37-8	778266-38-9	778266-39-0	778266-40-3
	778266-41-4	778266-42-5	778266-43-6	778266-44-7	778266-45-8
	778266-46-9	778266-47-0	778266-48-1	778266-49-2	778266-50-5
	778266-51-6	778266-52-7	778266-53-8	778266-54-9	778266-55-0
	778266-56-1	778266-57-2	778266-58-3	778266-59-4	778266-60-7
	778266-61-8	778266-62-9	778266-63-0	778266-64-1	778266-65-2
	778266-66-3	778266-67-4	778266-68-5	778266-69-6	778266-70-9
	778266-71-0	778266-72-1	778266-73-2	778266-74-3	778266-75-4
	778266-76-5	778266-77-6	778266-78-7	778266-79-8	
	778266-80-1	778266-81-2	778266-82-3	778266-83-4	778266-84-5
	778266-85-6	778266-86-7	778266-87-8	778266-88-9	778266-89-0
	778266-90-3	778266-91-4	778266-92-5	778266-93-6	778266-94-7
	778266-95-8	778266-96-9	778266-97-0	778266-98-1	778266-99-2
	778267-00-8	778267-01-9	778267-02-0	778267-03-1	778267-04-2
	778267-05-3	778267-06-4	778267-07-5	778267-08-6	778267-09-7
	778267-10-0	778267-11-1	778267-12-2	778267-13-3	778267-14-4
	778267-15-5	778267-16-6	778267-17-7	778267-18-8	778267-19-9
	778267-20-2	778267-21-3	778267-22-4	778267-23-5	778267-24-6
	778267-25-7	778267-26-8	778267-27-9	778267-28-0	778267-29-1
	778267-30-4				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT	778267-31-5	778267-32-6	778267-33-7	778267-34-8	778267-35-9
	778267-36-0	778267-37-1	778267-38-2	778267-39-3	778267-40-6

778267-41-7	778267-42-8	778267-43-9	778267-44-0	778267-45-1
778267-46-2	778267-47-3	778267-48-4	778267-49-5	778267-50-8
778267-51-9	778267-52-0	778267-53-1	778267-54-2	778267-55-3
778267-56-4	778267-57-5	778267-58-6	778267-59-7	778267-60-0
778267-61-1	778267-62-2	778267-63-3	778267-64-4	778267-65-5
778267-66-6	778267-67-7	778267-68-8	778267-69-9	778267-70-2
778267-71-3	778267-72-4	778267-73-5	778267-74-6	778267-75-7
778267-76-8	778267-77-9	778267-78-0	778267-79-1	778267-80-4
778267-81-5	778267-82-6	778267-83-7	778267-84-8	778267-85-9
778267-86-0	778267-87-1	778267-88-2	778267-89-3	778267-90-6
778267-91-7	778267-92-8	778267-93-9	778267-94-0	778267-95-1
778267-96-2	778267-97-3	778267-98-4	778267-99-5	778268-00-1
778268-01-2	778268-02-3	778268-03-4	778268-04-5	778268-05-6
778268-06-7	778268-07-8	778268-08-9	778268-09-0	778268-10-3
778268-11-4	778268-12-5	778268-13-6	778268-14-7	778268-15-8
778268-16-9	778268-17-0	778268-18-1	778268-19-2	778268-20-5
778268-21-6	778268-22-7	778268-23-8	778268-24-9	778268-25-0
778268-26-1	778268-27-2	778268-28-3	778268-29-4	778268-30-7
778268-31-8	778268-32-9	778268-33-0	778268-34-1	778268-35-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT 9005-53-2P, Lignin, preparation 11078-30-1P, Galactomannan

RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)

(improved production of; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved use and/or uptake of; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT 778228-37-8	778228-38-9	778228-39-0	778228-40-3	778228-41-4
778228-42-5	778228-43-6	778228-44-7	778228-45-8	778228-46-9
778228-47-0	778228-48-1	778228-49-2	778228-50-5	778228-51-6
778228-52-7	778228-53-8	778228-54-9	778228-55-0	778228-56-1
778228-57-2	778228-58-3	778228-59-4	778228-60-7	778228-61-8
778228-62-9	778228-63-0	778228-64-1	778228-65-2	778228-66-3
778228-67-4	778228-68-5	778228-69-6	778228-70-9	778228-71-0
778228-72-1	778228-73-2	778228-74-3	778228-75-4	778228-76-5
778228-77-6	778228-78-7	778228-79-8	778228-80-1	778228-81-2
778228-82-3	778228-83-4	778228-84-5	778228-85-6	778228-86-7
778228-87-8	778228-88-9	778228-89-0	778228-90-3	778228-91-4
778228-92-5	778228-93-6	778228-94-7	778228-95-8	778228-96-9
778228-97-0	778228-98-1	778228-99-2	778229-00-8	778229-01-9
778229-02-0	778229-03-1	778229-04-2	778229-05-3	778229-06-4
778229-07-5	778229-08-6	778229-09-7	778229-10-0	778229-11-1
778229-12-2	778229-13-3	778229-14-4	778229-15-5	778229-16-6
778229-17-7	778229-18-8	778229-19-9	778229-20-2	778229-21-3
778229-22-4	778229-23-5	778229-24-6	778229-25-7	778229-26-8
778229-27-9	778229-28-0	778229-29-1	778229-30-4	778229-31-5
778229-32-6	778229-33-7	778229-34-8	778229-35-9	778229-36-0
778229-37-1	778229-38-2	778229-39-3	778229-40-6	778229-41-7
778229-42-8	778229-43-9	778229-44-0	778229-45-1	778229-46-2
778229-47-3	778229-48-4	778229-49-5	778229-50-8	778229-51-9
778229-52-0	778229-53-1	778229-54-2	778229-55-3	778229-56-4
778229-57-5	778229-58-6	778229-59-7	778229-60-0	778229-61-1
778229-62-2	778229-63-3	778229-64-4	778229-65-5	778229-66-6
778229-67-7	778229-68-8	778229-69-9	778229-70-2	778229-71-3
778229-72-4	778229-73-5	778229-74-6	778229-75-7	778229-76-8
778229-77-9	778229-78-0	778229-79-1	778229-80-4	778229-81-5
778229-82-6	778229-83-7	778229-84-8	778229-85-9	778229-86-0
778229-87-1	778229-88-2	778229-89-3	778229-90-6	778229-91-7
778229-92-8	778229-93-9	778229-94-0	778229-95-1	778229-96-2
778229-97-3	778229-98-4	778229-99-5	778230-00-5	778230-01-6

778230-02-7	778230-03-8	778230-04-9	778230-05-0	778230-06-1
778230-07-2	778230-08-3	778230-09-4	778230-10-7	778230-11-8
778230-12-9	778230-13-0	778230-14-1	778230-15-2	778230-16-3
778230-17-4	778230-18-5	778230-19-6	778230-20-9	778230-21-0
778230-22-1	778230-23-2	778230-24-3	778230-25-4	778230-26-5
778230-27-6	778230-28-7	778230-29-8	778230-30-1	778230-31-2
778230-32-3	778230-33-4	778230-34-5	778230-35-6	778230-36-7
778230-37-8	778230-38-9	778230-39-0	778230-40-3	778230-41-4
778230-42-5	778230-43-6	778230-44-7	778230-45-8	778230-46-9
778230-47-0	778230-48-1	778230-49-2	778230-50-5	778230-51-6
778230-52-7	778230-53-8	778230-54-9	778230-55-0	778230-56-1
778230-57-2	778230-58-3	778230-59-4	778230-60-7	778230-61-8
778230-62-9	778230-63-0	778230-64-1	778230-65-2	778230-66-3
778230-67-4	778230-68-5	778230-69-6	778230-70-9	778230-71-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT	778230-72-1	778230-73-2	778230-74-3	778230-75-4	778230-76-5
	778230-77-6	778230-78-7	778230-79-8	778230-80-1	778230-81-2
	778230-82-3	778230-83-4	778230-84-5	778230-85-6	778230-86-7
	778230-87-8	778230-88-9	778230-89-0	778230-90-3	778230-91-4
	778230-92-5	778230-93-6	778230-94-7	778230-95-8	778230-96-9
	778230-97-0	778230-98-1	778230-99-2	778231-00-8	778231-01-9
	778231-02-0	778231-03-1	778231-04-2	778231-05-3	778231-06-4
	778231-07-5	778231-08-6	778231-09-7	778231-10-0	778231-11-1
	778231-12-2	778231-13-3	778231-14-4	778231-15-5	778231-16-6
	778231-17-7	778231-18-8	778231-19-9	778231-20-2	778231-21-3
	778231-22-4	778231-23-5	778231-24-6	778231-25-7	778231-26-8
	778231-27-9	778231-28-0	778231-29-1	778231-30-4	778231-31-5
	778231-32-6	778231-33-7	778231-34-8	778231-35-9	778231-36-0
	778231-37-1	778231-38-2	778231-39-3	778231-40-6	778231-41-7
	778231-42-8	778231-43-9	778231-44-0	778231-45-1	778231-46-2
	778231-47-3	778231-48-4	778231-49-5	778231-50-8	778231-51-9
	778231-52-0	778231-53-1	778231-54-2	778231-55-3	778231-56-4
	778231-57-5	778231-58-6	778231-59-7	778231-60-0	778231-61-1
	778231-62-2	778231-63-3	778231-64-4	778231-65-5	778231-66-6
	778231-67-7	778231-68-8	778231-69-9	778231-70-2	778231-71-3
	778231-72-4	778231-73-5	778231-74-6	778231-75-7	778231-76-8
	778231-77-9	778231-78-0	778231-79-1	778231-80-4	778231-81-5
	778231-82-6	778231-83-7	778231-84-8	778231-85-9	778231-86-0
	778231-87-1	778231-88-2	778231-89-3	778231-90-6	778231-91-7
	778231-92-8	778231-93-9	778231-94-0	778231-95-1	778231-96-2
	778231-97-3	778231-98-4	778231-99-5	778232-00-1	778232-01-2
	778232-02-3	778232-03-4	778232-04-5	778232-05-6	778232-06-7
	778232-07-8	778232-08-9	778232-09-0	778232-10-3	778232-11-4
	778232-12-5	778232-13-6	778232-14-7	778232-15-8	778232-16-9
	778232-17-0	778232-18-1	778232-19-2	778232-20-5	778232-21-6
	778232-22-7	778232-23-8	778232-24-9	778232-25-0	778232-26-1
	778232-27-2	778232-28-3	778232-29-4	778232-30-7	778232-31-8
	778232-32-9	778232-33-0	778232-34-1	778232-35-2	778232-36-3
	778232-37-4	778232-38-5	778232-39-6	778232-40-9	778232-41-0
	778232-42-1	778232-43-2	778232-44-3	778232-45-4	778232-46-5
	778232-47-6	778232-48-7	778232-49-8	778232-50-1	778232-51-2
	778232-52-3	778232-53-4	778232-54-5	778232-55-6	778232-56-7
	778232-57-8	778232-58-9	778232-59-0	778232-60-3	778232-61-4
	778232-62-5	778232-63-6	778232-64-7	778232-65-8	778232-66-9
	778232-67-0	778232-68-1	778232-69-2	778232-70-5	778232-71-6
	778232-72-7	778232-73-8	778232-74-9	778232-75-0	778232-76-1
	778232-77-2	778232-78-3	778232-79-4	778232-80-7	778232-81-8
	778232-82-9	778232-83-0	778232-84-1	778232-85-2	778232-86-3
	778232-87-4	778232-88-5	778232-89-6	778232-90-9	778232-91-0
	778232-92-1	778232-93-2	778232-94-3	778232-95-4	778232-96-5
	778232-97-6	778232-98-7	778232-99-8	778233-00-4	778233-01-5
	778233-02-6	778233-03-7	778233-04-8	778233-05-9	778233-06-0

RL: BSU (Biological study, unclassified); BUU (Biological use,

unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; nucleic acid mols. and encoded proteins associated
 with plants and their uses for plant improvement)

IT	778233-07-1	778233-08-2	778233-09-3	778233-10-6	778233-11-7
	778233-12-8	778233-13-9	778233-14-0	778233-15-1	778233-16-2
	778233-17-3	778233-18-4	778233-19-5	778233-20-8	778233-21-9
	778233-22-0	778233-23-1	778233-24-2	778233-25-3	778233-26-4
	778233-27-5	778233-28-6	778233-29-7	778233-30-0	778233-31-1
	778233-32-2	778233-33-3	778233-34-4	778233-35-5	778233-36-6
	778233-37-7	778233-38-8	778233-39-9	778233-40-2	778233-41-3
	778233-42-4	778233-43-5	778233-44-6	778233-45-7	778233-46-8
	778233-47-9	778233-48-0	778233-49-1	778233-50-4	778233-51-5
	778233-52-6	778233-53-7	778233-54-8	778233-55-9	778233-56-0
	778233-57-1	778233-58-2	778233-59-3	778233-60-6	778233-61-7
	778233-62-8	778233-63-9	778233-64-0	778233-65-1	778233-66-2
	778233-67-3	778233-68-4	778233-69-5	778233-70-8	778233-71-9
	778233-72-0	778233-73-1	778233-74-2	778233-75-3	778233-76-4
	778233-77-5	778233-78-6	778233-79-7	778233-80-0	778233-81-1
	778233-82-2	778233-83-3	778233-84-4	778233-85-5	778233-86-6
	778233-87-7	778233-88-8	778233-89-9	778233-90-2	778233-91-3
	778233-92-4	778233-93-5	778233-94-6	778233-95-7	778233-96-8
	778233-97-9	778233-98-0	778233-99-1	778234-00-7	778234-01-8
	778234-02-9	778234-03-0	778234-04-1	778234-05-2	778234-06-3
	778234-07-4	778234-08-5	778234-09-6	778234-10-9	778234-11-0
	778234-12-1	778234-13-2	778234-14-3	778234-15-4	778234-16-5
	778234-17-6	778234-18-7	778234-19-8	778234-20-1	778234-21-2
	778234-22-3	778234-23-4	778234-24-5	778234-25-6	778234-26-7
	778234-27-8	778234-28-9	778234-29-0	778234-30-3	778234-31-4
	778234-32-5	778234-33-6	778234-34-7	778234-35-8	778234-36-9
	778234-37-0	778234-38-1	778234-39-2	778234-40-5	778234-41-6
	778234-42-7	778234-43-8	778234-44-9	778234-45-0	778234-46-1
	778234-47-2	778234-48-3	778234-49-4	778234-50-7	778234-51-8
	778234-52-9	778234-53-0	778234-54-1	778234-55-2	778234-56-3
	778234-57-4	778234-58-5	778234-59-6	778234-60-9	778234-61-0
	778234-62-1	778234-63-2	778234-64-3	778234-65-4	778234-66-5
	778234-67-6	778234-68-7	778234-69-8	778234-70-1	778234-71-2
	778234-72-3	778234-73-4	778234-74-5	778234-75-6	778234-76-7
	778234-77-8	778234-78-9	778234-79-0	778234-80-3	778234-81-4
	778234-82-5	778234-83-6	778234-84-7	778234-85-8	778234-86-9
	778234-87-0	778234-88-1	778234-89-2	778234-90-5	778234-91-6
	778234-92-7	778234-93-8	778234-94-9	778234-95-0	778234-96-1
	778234-97-2	778234-98-3	778234-99-4	778235-00-0	778235-01-1
	778235-02-2	778235-03-3	778235-04-4	778235-05-5	778235-06-6
	778235-07-7	778235-08-8	778235-09-9	778235-10-2	778235-11-3
	778235-12-4	778235-13-5	778235-14-6	778235-15-7	778235-16-8
	778235-17-9	778235-18-0	778235-19-1	778235-20-4	778235-21-5
	778235-22-6	778235-23-7	778235-24-8	778235-25-9	778235-26-0
	778235-27-1	778235-28-2	778235-29-3	778235-30-6	778235-31-7
	778235-32-8	778235-33-9	778235-34-0	778235-35-1	778235-36-2
	778235-37-3	778235-38-4	778235-39-5	778235-40-8	778235-41-9

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; nucleic acid mols. and encoded proteins associated
 with plants and their uses for plant improvement)

IT	778235-42-0	778235-43-1	778235-44-2	778235-45-3	778235-46-4
	778235-47-5	778235-48-6	778235-49-7	778235-50-0	778235-51-1
	778235-52-2	778235-53-3	778235-54-4	778235-55-5	778235-56-6
	778235-57-7	778235-58-8	778235-59-9	778235-60-2	778235-61-3
	778235-62-4	778235-63-5	778235-64-6	778235-65-7	778235-66-8
	778235-67-9	778235-68-0	778235-69-1	778235-70-4	778235-71-5
	778235-72-6	778235-73-7	778235-74-8	778235-75-9	778235-76-0
	778235-77-1	778235-78-2	778235-79-3	778235-80-6	778235-81-7
	778235-82-8	778235-83-9	778235-84-0	778235-85-1	778235-86-2
	778235-87-3	778235-88-4	778235-89-5	778235-90-8	778235-91-9
	778235-92-0	778235-93-1	778235-94-2	778235-95-3	778235-96-4
	778235-97-5	778235-98-6	778235-99-7	778236-00-3	778236-01-4

778236-02-5	778236-03-6	778236-04-7	778236-05-8	778236-06-9
778236-07-0	778236-08-1	778236-09-2	778236-10-5	778236-11-6
778236-12-7	778236-13-8	778236-14-9	778236-15-0	778236-16-1
778236-17-2	778236-18-3	778236-19-4	778236-20-7	778236-21-8
778236-22-9	778236-23-0	778236-24-1	778236-25-2	778236-26-3
778236-27-4	778236-28-5	778236-29-6	778236-30-9	778236-31-0
778236-32-1	778236-33-2	778236-34-3	778236-35-4	778236-36-5
778236-37-6	778236-38-7	778236-39-8	778236-40-1	778236-41-2
778236-42-3	778236-43-4	778236-44-5	778236-45-6	778236-46-7
778236-47-8	778236-48-9	778236-49-0	778236-50-3	778236-51-4
778236-52-5	778236-53-6	778236-54-7	778236-55-8	778236-56-9
778236-57-0	778236-58-1	778236-59-2	778236-60-5	778236-61-6
778236-62-7	778236-63-8	778236-64-9	778236-65-0	778236-66-1
778236-67-2	778236-68-3	778236-69-4	778236-70-7	778236-71-8
778236-72-9	778236-73-0	778236-74-1	778236-75-2	778236-76-3
778236-77-4	778236-78-5	778236-79-6	778236-80-9	778236-81-0
778236-82-1	778236-83-2	778236-84-3	778236-85-4	778236-86-5
778236-87-6	778236-88-7	778236-89-8	778236-90-1	778236-91-2
778236-92-3	778236-93-4	778236-94-5	778236-95-6	778236-96-7
778236-97-8	778236-98-9	778236-99-0	778237-00-6	778237-01-7
778237-02-8	778237-03-9	778237-04-0	778237-05-1	778237-06-2
778237-07-3	778237-08-4	778237-09-5	778237-10-8	778237-11-9
778237-12-0	778237-13-1	778237-14-2	778237-15-3	778237-16-4
778237-17-5	778237-18-6	778237-19-7	778237-20-0	778237-21-1
778237-22-2	778237-23-3	778237-24-4	778237-25-5	778237-26-6
778237-27-7	778237-28-8	778237-29-9	778237-30-2	778237-31-3
778237-32-4	778237-33-5	778237-34-6	778237-35-7	778237-36-8
778237-37-9	778237-38-0	778237-39-1	778237-40-4	778237-41-5
778237-42-6	778237-43-7	778237-44-8	778237-45-9	778237-46-0
778237-47-1	778237-48-2	778237-49-3	778237-50-6	778237-51-7
778237-52-8	778237-53-9	778237-54-0	778237-55-1	778237-56-2
778237-57-3	778237-58-4	778237-59-5	778237-60-8	778237-61-9
778237-62-0	778237-63-1	778237-64-2	778237-65-3	778237-66-4
778237-67-5	778237-68-6	778237-69-7	778237-70-0	778237-71-1
778237-72-2	778237-73-3	778237-74-4	778237-75-5	778237-76-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT	778237-77-7	778237-78-8	778237-79-9	778237-80-2	778237-81-3
	778237-82-4	778237-83-5	778237-84-6	778237-85-7	778237-86-8
	778237-87-9	778237-88-0	778237-89-1	778237-90-4	778237-91-5
	778237-92-6	778237-93-7	778237-94-8	778237-95-9	778237-96-0
	778237-97-1	778237-98-2	778237-99-3	778238-00-9	778238-01-0
	778238-02-1	778238-03-2	778238-04-3	778238-05-4	778238-06-5
	778238-07-6	778238-08-7	778238-09-8	778238-10-1	778238-11-2
	778238-12-3	778238-13-4	778238-14-5	778238-15-6	778238-16-7
	778238-17-8	778238-18-9	778238-19-0	778238-20-3	778238-21-4
	778238-22-5	778238-23-6	778238-24-7	778238-25-8	778238-26-9
	778238-27-0	778238-28-1	778238-29-2	778238-30-5	778238-31-6
	778238-32-7	778238-33-8	778238-34-9	778238-35-0	778238-36-1
	778238-37-2	778238-38-3	778238-39-4	778238-40-7	778238-41-8
	778238-42-9	778238-43-0	778238-44-1	778238-45-2	778238-46-3
	778238-47-4	778238-48-5	778238-49-6	778238-50-9	778238-51-0
	778238-52-1	778238-53-2	778238-54-3	778238-55-4	778238-56-5
	778238-57-6	778238-58-7	778238-59-8	778238-60-1	778238-61-2
	778238-62-3	778238-63-4	778238-64-5	778238-65-6	778238-66-7
	778238-67-8	778238-68-9	778238-69-0	778238-70-3	778238-71-4
	778238-72-5	778238-73-6	778238-74-7	778238-75-8	778238-76-9
	778238-77-0	778238-78-1	778238-79-2	778238-80-5	778238-81-6
	778238-82-7	778238-83-8	778238-84-9	778238-85-0	778238-86-1
	778238-87-2	778238-88-3	778238-89-4	778238-90-7	778238-91-8
	778238-92-9	778238-93-0	778238-94-1	778238-95-2	778238-96-3
	778238-97-4	778238-98-5	778238-99-6	778239-00-2	778239-01-3
	778239-02-4	778239-03-5	778239-04-6	778239-05-7	778239-06-8
	778239-07-9	778239-08-0	778239-09-1	778239-10-4	778239-11-5

778239-12-6	778239-13-7	778239-14-8	778239-15-9	778239-16-0
778239-17-1	778239-18-2	778239-19-3	778239-20-6	778239-21-7
778239-22-8	778239-23-9	778239-24-0	778239-25-1	778239-26-2
778239-27-3	778239-28-4	778239-29-5	778239-30-8	778239-31-9
778239-32-0	778239-33-1	778239-34-2	778239-35-3	778239-36-4
778239-37-5	778239-38-6	778239-39-7	778239-40-0	778239-41-1
778239-42-2	778239-43-3	778239-44-4	778239-45-5	778239-46-6
778239-47-7	778239-48-8	778239-49-9	778239-50-2	778239-51-3
778239-52-4	778239-53-5	778239-54-6	778239-55-7	778239-56-8
778239-57-9	778239-58-0	778239-59-1	778239-60-4	778239-61-5
778239-62-6	778239-63-7	778239-64-8	778239-65-9	778239-66-0
778239-67-1	778239-68-2	778239-69-3	778239-70-6	778239-71-7
778239-72-8	778239-73-9	778239-74-0	778239-75-1	778239-76-2
778239-77-3	778239-78-4	778239-79-5	778239-80-8	778239-81-9
778239-82-0	778239-83-1	778239-84-2	778239-85-3	778239-86-4
778239-87-5	778239-88-6	778239-89-7	778239-90-0	778239-91-1
778239-92-2	778239-93-3	778239-94-4	778239-95-5	778239-96-6
778239-97-7	778239-98-8	778239-99-9	778240-00-9	778240-01-0
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778240-07-6	778240-08-7	778240-09-8	778240-10-1	778240-11-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

IT 778249-21-1 778261-92-0 778266-77-6
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; nucleic acid mols. and encoded proteins associated with plants and their uses for plant improvement)

RN 778249-21-1 HCAPLUS

CN Protein (Arabidopsis thaliana clone ARATH-23APR03-C218984_1.p) (9CI) (CA INDEX NAME)

SEQ 1 MAIIGDALRQ AFMPKQEYES LREEDRAWIK LQRPTLVSI AFLCFVIFTC
 51 TIVSLKIVFP SNVLKRPFCS DIKLQPLPIY GKARDSDLFP GAFYLTQDET
 101 VDFYWMAAVV EEDVTFLVSS VYLVAGIFVA YSAPHRHEFL KVVENNYCAS
 151 RRGVVRCLSI LNVVFAIIYG LLAIFLGSSL LTLGSSCSVP LFWCYEISSW
 201 GLVILYAGTA FSLRRRAALT IDEGEFGNRN DQGLEMLEAN PLEFPTDVER
 251 RVNEGFKAWM GPSLLSSDEE EDEPDFYNEV PNVTHTLSSR QRS

RN 778261-92-0 HCAPLUS

CN Protein (Zea mays clone ZEAMA-23APR03-C133_47.p) (9CI) (CA INDEX NAME)

SEQ 1 PLSRIVPISP NELNLYRIVI VLRLIILCFF FQYRITHPVE DAYGLWLVS
 51 ICEVWFALSW LLDQFPKWYP INRETYLDRL ALRYDREGEP SQLAPIDV
 101 STVDPLKEPP LITGNTVLSI LAVDYPVDKV SCYVSDDGSA MLTFEALSET

151 AEFARKWVPF CKKHNIETRA PEFYFARKID YLKDKIQPSF VKERRAMKRE
 201 CEEFKVRIDA LVAKAQKIPE EGWTMADGTP WPGNNPRDHP GMIQVFLGHS
 251 GGLDTDGNEL PRLVYVSREK RPFQHHKKA GAMNALIRVS AVLTNGAYLL
 301 NVDCDHYFNS SKALREAMCF MMDPALGRKT CYVQFPQRFD GIDLHDRIAN
 351 RNIVFFDINM KGLDGIQGPV YVGTGCCFNR QALYGYDPVL TEADLEPNII
 401 IKSCCGGRKK KDKSYIDSKN RDMKRTESSA PIFNMEDIEE GFEGYEDERS
 451 LLMSQKSLEK RFGQSPIFIA STFMTQGGIP PSTNPGSLLK EAIHVISCY
 501 EDKTEWGKEI GWIYGSVTED ILTGFKMHAR GWISIYCMPL RPCFKGSAPI
 551 NLSDRNLQVL RWALGSVEIL LSRHCPIWYG YNGRLKLLER LAYINTIVYP
 601 ITSIPLVAYC VLPALICLLTN KFIIPAISNY AGAFFILLFA SIFATGILEL
 651 RWSGVGIEDW WRNEQFWVIG GTSALHFAVF QGLLKVLALI DTNFTVTSKA
 701 TDDGDGFAEL YVFKWTTLLI PPPTVLVINL VGIVAGVSYA INSGYQSWGP
 751 LFGKLFPAIW VILHLYPFLK GLMGKQNRTP TIVIVSVLL ASIFSLLVWK
 801 IDPFISPTQK ALSRQCQGVN C

RN 778266-77-6 HCAPLUS
 CN Protein (Zea mays clone ZEAMA-23APR03-C28320_1.p) (9CI) (CA INDEX NAME)

SEQ 1 MEQTRTGGAG EQPRGAPGEE AAKRIIVGGD APASGTSMSG CFDCNICLEC
 51 ATEPVVTLCG HLYCWPCIYE WLRPDVAEAG ARSSARRQCP VCKAAVSPDA
 101 LVPLYGRGGS SSARKPLASI PRPRRPALRQ STQDSGSGGH HHHHRHAETG
 151 TPARSLRHPA HAHAAQFDAL LSAPFGDRGM LHSTSTTGGM LGGMAVAVLP
 201 LVLRGQARVP GMYPPSPYHL MSPRQRRWHV EVERSLLHQIW FFLCVFVVLK
 251 LLLF

L12 ANSWER 7 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:771063 HCAPLUS
 DN 141:255540
 ED Entered STN: 22 Sep 2004
 TI Sorghum nucleic acids and encoded proteins and their uses improvement of
 transgenic plants
 IN Kovalic, David K.; Zhou, Yihua; Cao, Yongwei
 PA USA
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 850,147,
 abandoned.
 CODEN: USXXCO
 DT Patent
 LA English
 IC A01H001-00; C12N015-82; C07H021-04; C12N009-24
 INCL 800284000; 435200000; 536023200; 435468000
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 11

FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
PRAI	US 2000-684016	A2	20001010	<--	
	US 2001-850147	B2	20010508		
	US 2004-767701	A	20040129		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES	
US 2004172684	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24	
	INCL	800284000; 435200000; 536023200; 435468000	
US 2004172684	NCL	800/284.000	<--
US 2004172684	NCL	800/284.000	
	ECLA	C07K014/415; C12N015/82	<--

AB Nucleotide sequences are provided for 31,563 nucleic acids in a cDNA

library from sorghum tissue. The open reading frame in each recombinant polynucleotide sequence is identified by a combination of predictive and homol. based methods. Functions of polypeptides encoded by the polynucleotide sequences are determined using a hierarchical classification tool, termed FunCAT, for Functional Categories Annotation Tool. Functional assignments from five public classification schemes, GO_BP, GO_CC, GO_MF, KEGG, and EC, and one internal Monsanto classification scheme, POI, are also provided. The disclosed recombinant polynucleotides and recombinant polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of 13 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

- ST sorghum cDNA protein sequence plant transformation
- IT Stress, plant
 - (cold, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Cell cycle
 - (growth rate control by modification of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Stress, plant
 - (heat, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Recombination, genetic
 - (homologous, increased rate of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Growth regulators, plant
 - RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 - (improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Pathogen
 - (improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Carbohydrates, biological studies
 - RL: BSU (Biological study, unclassified); BIOL (Biological study)
 - (improved use and/or uptake of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Disease resistance, plant
- Growth and development, plant
- Herbicide resistance
 - (improvement of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Fats and Glyceridic oils, preparation
 - Proteins
 - RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 - (modification of yield and/or content of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Stress, plant
 - (osmotic, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Transcription factors
 - RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 - (plant improvement by; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Embryophyta
 - Protein sequences
 - Sorghum bicolor
 - Transformation, genetic
 - cDNA sequences
 - (sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Stress, plant
 - (water deficiency, improved tolerance to; sorghum nucleic acids and

encoded proteins and their uses improvement of transgenic plants)

IT Photosynthesis, biological
 (yield improvement by modification of; sorghum nucleic acids and
 encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
 (yield improvement in; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT 753002-17-4 753002-19-6 753002-20-9 753002-23-2 753002-25-4
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RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

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753092-51-2	753092-52-3	753092-53-4	753092-54-5	753092-55-6
753092-56-7	753092-57-8	753092-58-9	753092-59-0	753092-60-3
753092-61-4	753092-62-5	753092-63-6	753092-64-7	753092-65-8
753092-66-9	753092-67-0	753092-68-1	753092-69-2	753092-70-5
753092-71-6	753092-72-7	753092-73-8	753092-74-9	753092-75-0
753092-76-1	753092-77-2	753092-78-3	753092-79-4	753092-80-7
753092-81-8	753092-82-9	753092-83-0	753092-84-1	753092-85-2
753092-86-3	753092-87-4	753092-88-5	753092-89-6	753092-90-9
753092-91-0	753092-92-1	753092-93-2	753092-94-3	753092-95-4
753092-96-5	753092-97-6	753092-98-7	753092-99-8	753093-00-4
753093-01-5	753093-02-6	753093-03-7	753093-04-8	753093-05-9
753093-06-0	753093-07-1	753093-08-2	753093-09-3	753093-10-6
753093-11-7	753093-12-8	753093-13-9	753093-14-0	753093-15-1
753093-16-2	753093-17-3	753093-18-4	753093-19-5	753093-20-8
753093-21-9	753093-22-0	753093-23-1	753093-24-2	753093-25-3
753093-26-4	753093-27-5	753093-28-6	753093-29-7	753093-30-0
753093-31-1	753093-32-2	753093-33-3	753093-34-4	753093-35-5
753093-36-6	753093-37-7	753093-38-8	753093-39-9	753093-40-2
753093-41-3	753093-42-4	753093-43-5	753093-44-6	753093-45-7
753093-46-8	753093-47-9	753093-48-0	753093-49-1	753093-50-4
753093-51-5	753093-52-6	753093-53-7	753093-54-8	753093-55-9
753093-56-0	753093-57-1	753093-58-2	753093-59-3	753093-60-6
753093-61-7	753093-62-8	753093-63-9	753093-64-0	753093-65-1
753093-66-2	753093-67-3	753093-68-4	753093-69-5	753093-70-8
753093-71-9	753093-72-0	753093-73-1	753093-74-2	753093-75-3
753093-76-4	753093-77-5	753093-78-6	753093-79-7	753093-80-0
753093-81-1	753093-82-2	753093-83-3	753093-84-4	753093-85-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753093-86-6	753093-87-7	753093-88-8	753093-89-9	753093-90-2
	753093-91-3	753093-92-4	753093-93-5	753093-94-6	753093-95-7
	753093-96-8	753093-97-9	753093-98-0	753093-99-1	753094-00-7
	753094-01-8	753094-02-9	753094-03-0	753094-04-1	753094-05-2
	753094-06-3	753094-07-4	753094-08-5	753094-09-6	753094-10-9
	753094-11-0	753094-12-1	753094-13-2	753094-14-3	753094-15-4
	753094-16-5	753094-17-6	753094-18-7	753094-19-8	753094-20-1
	753094-21-2	753094-22-3	753094-23-4	753094-24-5	753094-25-6
	753094-26-7	753094-27-8	753094-28-9	753094-29-0	753094-30-3
	753094-31-4	753094-32-5	753094-33-6	753094-34-7	753094-35-8
	753094-36-9	753094-37-0	753094-38-1	753094-39-2	753094-40-5
	753094-41-6	753094-42-7	753094-43-8	753094-44-9	753094-45-0
	753094-46-1	753094-47-2	753094-48-3	753094-49-4	753094-50-7
	753094-51-8	753094-52-9	753094-53-0	753094-54-1	753094-55-2
	753094-56-3	753094-57-4	753094-58-5	753094-59-6	753094-60-9
	753094-61-0	753094-62-1	753094-63-2	753094-64-3	753094-65-4
	753094-66-5	753094-67-6	753094-68-7	753094-69-8	753094-70-1
	753094-71-2	753094-72-3	753094-73-4	753094-74-5	753094-75-6
	753094-76-7	753094-77-8	753094-78-9	753094-79-0	753094-80-3
	753094-81-4	753094-82-5	753094-83-6	753094-84-7	753094-85-8
	753094-86-9	753094-87-0	753094-88-1	753094-89-2	753094-90-5
	753094-91-6	753094-92-7	753094-93-8	753094-94-9	753094-95-0
	753094-96-1	753094-97-2	753094-98-3	753094-99-4	753095-00-0

753095-01-1	753095-02-2	753095-03-3	753095-04-4	753095-05-5
753095-06-6	753095-07-7	753095-08-8	753095-09-9	753095-10-2
753095-11-3	753095-12-4	753095-13-5	753095-14-6	753095-15-7
753095-16-8	753095-17-9	753095-18-0	753095-19-1	753095-20-4
753095-21-5	753095-22-6	753095-23-7	753095-24-8	753095-25-9
753095-26-0	753095-27-1	753095-28-2	753095-29-3	753095-30-6
753095-31-7	753095-32-8	753095-33-9	753095-34-0	753095-35-1
753095-36-2	753095-37-3	753095-38-4	753095-39-5	753095-40-8
753095-41-9	753095-42-0	753095-43-1	753095-44-2	753095-45-3
753095-46-4	753095-47-5	753095-48-6	753095-49-7	753095-50-0
753095-51-1	753095-52-2	753095-53-3	753095-54-4	753095-55-5
753095-56-6	753095-57-7	753095-58-8	753095-59-9	753095-60-2
753095-61-3	753095-62-4	753095-63-5	753095-64-6	753095-65-7
753095-66-8	753095-67-9	753095-68-0	753095-69-1	753095-70-4
753095-71-5	753095-72-6	753095-73-7	753095-74-8	753095-75-9
753095-76-0	753095-77-1	753095-78-2	753095-79-3	753095-80-6
753095-81-7	753095-82-8	753095-83-9	753095-84-0	753095-85-1
753095-86-2	753095-87-3	753095-88-4	753095-89-5	753095-90-8
753095-91-9	753095-92-0	753095-93-1	753095-94-2	753095-95-3
753095-96-4	753095-97-5	753095-98-6	753095-99-7	753096-00-3
753096-01-4	753096-02-5	753096-03-6	753096-04-7	753096-05-8
753096-06-9	753096-07-0	753096-08-1	753096-09-2	753096-10-5
753096-11-6	753096-12-7	753096-13-8	753096-14-9	753096-15-0
753096-16-1	753096-17-2	753096-18-3	753096-19-4	753096-20-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753096-21-8	753096-22-9	753096-23-0	753096-24-1	753096-25-2
	753096-26-3	753096-27-4	753096-28-5	753096-29-6	753096-30-9
	753096-31-0	753096-32-1	753096-33-2	753096-34-3	753096-35-4
	753096-36-5	753096-37-6	753096-38-7	753096-39-8	753096-40-1
	753096-41-2	753096-42-3	753096-43-4	753096-44-5	753096-45-6
	753096-46-7	753096-47-8	753096-48-9	753096-49-0	753096-50-3
	753096-51-4	753096-52-5	753096-53-6	753096-54-7	753096-55-8
	753096-56-9	753096-57-0	753096-58-1	753096-59-2	753096-60-5
	753096-61-6	753096-62-7	753096-63-8	753096-64-9	753096-65-0
	753096-66-1	753096-67-2	753096-68-3	753096-69-4	753096-70-7
	753096-71-8	753096-72-9	753096-73-0	753096-74-1	753096-75-2
	753096-76-3	753096-77-4	753096-78-5	753096-79-6	753096-80-9
	753096-81-0	753096-82-1	753096-83-2	753096-84-3	753096-85-4
	753096-86-5	753096-87-6	753096-88-7	753096-89-8	753096-90-1
	753096-91-2	753096-92-3	753096-93-4	753096-94-5	753096-95-6
	753096-96-7	753096-97-8	753096-98-9	753096-99-0	753097-00-6
	753097-01-7	753097-02-8	753097-03-9	753097-04-0	753097-05-1
	753097-06-2	753097-07-3	753097-08-4	753097-09-5	753097-10-8
	753097-11-9	753097-12-0	753097-13-1	753097-14-2	753097-15-3
	753097-16-4	753097-17-5	753097-18-6	753097-19-7	753097-20-0
	753097-21-1	753097-22-2	753097-23-3	753097-24-4	753097-25-5
	753097-26-6	753097-27-7	753097-28-8	753097-29-9	753097-30-2
	753097-31-3	753097-32-4	753097-33-5	753097-34-6	753097-35-7
	753097-36-8	753097-37-9	753097-38-0	753097-39-1	753097-40-4
	753097-41-5	753097-42-6	753097-43-7	753097-44-8	753097-45-9
	753097-46-0	753097-47-1	753097-48-2	753097-49-3	753097-50-6
	753097-51-7	753097-52-8	753097-53-9	753097-54-0	753097-55-1
	753097-56-2	753097-57-3	753097-58-4	753097-59-5	753097-60-8
	753097-61-9	753097-62-0	753097-63-1	753097-64-2	753097-65-3
	753097-66-4	753097-67-5	753097-68-6	753097-69-7	753097-70-0
	753097-71-1	753097-72-2	753097-73-3	753097-74-4	753097-75-5
	753097-76-6	753097-77-7	753097-78-8	753097-79-9	753097-80-2
	753097-81-3	753097-82-4	753097-83-5	753097-84-6	753097-85-7
	753097-86-8	753097-87-9	753097-88-0	753097-89-1	753097-90-4
	753097-91-5	753097-92-6	753097-93-7	753097-94-8	753097-95-9
	753097-96-0	753097-97-1	753097-98-2	753097-99-3	753098-00-9
	753098-01-0	753098-02-1	753098-03-2	753098-04-3	753098-05-4
	753098-06-5	753098-07-6	753098-08-7	753098-09-8	753098-10-1

753098-11-2	753098-12-3	753098-13-4	753098-14-5	753098-15-6
753098-16-7	753098-17-8	753098-18-9	753098-19-0	753098-20-3
753098-21-4	753098-22-5	753098-23-6	753098-24-7	753098-25-8
753098-26-9	753098-27-0	753098-28-1	753098-29-2	753098-30-5
753098-31-6	753098-32-7	753098-33-8	753098-34-9	753098-35-0
753098-36-1	753098-37-2	753098-38-3	753098-39-4	753098-40-7
753098-41-8	753098-42-9	753098-43-0	753098-44-1	753098-45-2
753098-46-3	753098-47-4	753098-48-5	753098-49-6	753098-50-9
753098-51-0	753098-52-1	753098-53-2	753098-54-3	753098-55-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753098-56-5	753098-57-6	753098-58-7	753098-59-8	753098-60-1
	753098-61-2	753098-62-3	753098-63-4	753098-64-5	753098-65-6
	753098-66-7	753098-67-8	753098-68-9	753098-69-0	753098-70-3
	753098-71-4	753098-72-5	753098-73-6	753098-74-7	753098-75-8
	753098-76-9	753098-77-0	753098-78-1	753098-79-2	753098-80-5
	753098-81-6	753098-82-7	753098-83-8	753098-84-9	753098-85-0
	753098-86-1	753098-87-2	753098-88-3	753098-89-4	753098-90-7
	753098-91-8	753098-92-9	753098-93-0	753098-94-1	753098-95-2
	753098-96-3	753098-97-4	753098-98-5	753098-99-6	753099-00-2
	753099-01-3	753099-02-4	753099-03-5	753099-04-6	753099-05-7
	753099-06-8	753099-07-9	753099-08-0	753099-09-1	753099-10-4
	753099-11-5	753099-12-6	753099-13-7	753099-14-8	753099-15-9
	753099-16-0	753099-17-1	753099-18-2	753099-19-3	753099-20-6
	753099-21-7	753099-22-8	753099-23-9	753099-24-0	753099-25-1
	753099-26-2	753099-27-3	753099-28-4	753099-29-5	753099-30-8
	753099-31-9	753099-32-0	753099-33-1	753099-34-2	753099-35-3
	753099-36-4	753099-37-5	753099-38-6	753099-39-7	753099-40-0
	753099-41-1	753099-42-2	753099-43-3	753099-44-4	753099-45-5
	753099-46-6	753099-47-7	753099-48-8	753099-49-9	753099-50-2
	753099-51-3	753099-52-4	753099-53-5	753099-54-6	753099-55-7
	753099-56-8	753099-57-9	753099-58-0	753099-59-1	753099-60-4
	753099-61-5	753099-62-6	753099-63-7	753099-64-8	753099-65-9
	753099-66-0	753099-67-1	753099-68-2	753099-69-3	753099-70-6
	753099-71-7	753099-72-8	753099-73-9	753099-74-0	753099-75-1
	753099-76-2	753099-77-3	753099-78-4	753099-79-5	753099-80-8
	753099-81-9	753099-82-0	753099-83-1	753099-84-2	753099-85-3
	753099-86-4	753099-87-5	753099-88-6	753099-89-7	753099-90-0
	753099-91-1	753099-92-2	753099-93-3	753099-94-4	753099-95-5
	753099-96-6	753099-97-7	753099-98-8	753099-99-9	753100-00-4
	753100-01-5	753100-02-6	753100-03-7	753100-04-8	753100-05-9
	753100-06-0	753100-07-1	753100-08-2	753100-09-3	753100-10-6
	753100-11-7	753100-12-8	753100-13-9	753100-14-0	753100-15-1
	753100-16-2	753100-17-3	753100-18-4	753100-19-5	753100-20-8
	753100-21-9	753100-22-0	753100-23-1	753100-24-2	753100-25-3
	753100-26-4	753100-27-5	753100-28-6	753100-29-7	753100-30-0
	753100-31-1	753100-32-2	753100-33-3	753100-34-4	753100-35-5
	753100-36-6	753100-37-7	753100-38-8	753100-39-9	753100-40-2
	753100-41-3	753100-42-4	753100-43-5	753100-44-6	753100-45-7
	753100-46-8	753100-47-9	753100-48-0	753100-49-1	753100-50-4
	753100-51-5	753100-52-6	753100-53-7	753100-54-8	753100-55-9
	753100-56-0	753100-57-1	753100-58-2	753100-59-3	753100-60-6
	753100-61-7	753100-62-8	753100-63-9	753100-64-0	753100-65-1
	753100-66-2	753100-67-3	753100-68-4	753100-69-5	753100-70-8
	753100-71-9	753100-72-0	753100-73-1	753100-74-2	753100-75-3
	753100-76-4	753100-77-5	753100-78-6	753100-79-7	753100-80-0
	753100-81-1	753100-82-2	753100-83-3	753100-84-4	753100-85-5
	753100-86-6	753100-87-7	753100-88-8	753100-89-9	753100-90-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753100-91-3	753100-92-4	753100-93-5	753100-94-6	753100-95-7
	753100-96-8	753100-97-9	753100-98-0	753100-99-1	753101-00-7

753101-01-8	753101-02-9	753101-03-0	753101-04-1	753101-05-2
753101-06-3	753101-07-4	753101-08-5	753101-09-6	753101-10-9
753101-11-0	753101-12-1	753101-13-2	753101-14-3	753101-15-4
753101-16-5	753101-17-6	753101-18-7	753101-19-8	753101-20-1
753101-21-2	753101-22-3	753101-23-4	753101-24-5	753101-25-6
753101-26-7	753101-27-8	753101-28-9	753101-29-0	753101-30-3
753101-31-4	753101-32-5	753101-33-6	753101-34-7	753101-35-8
753101-36-9	753101-37-0	753101-38-1	753101-39-2	753101-40-5
753101-41-6	753101-42-7	753101-43-8	753101-44-9	753101-45-0
753101-46-1	753101-47-2	753101-48-3	753101-49-4	753101-50-7
753101-51-8	753101-52-9	753101-53-0	753101-54-1	753101-55-2
753101-56-3	753101-57-4	753101-58-5	753101-59-6	753101-60-9
753101-61-0	753101-62-1	753101-63-2	753101-64-3	753101-65-4
753101-66-5	753101-67-6	753101-68-7	753101-69-8	753101-70-1
753101-71-2	753101-72-3	753101-73-4	753101-74-5	753101-75-6
753101-76-7	753101-77-8	753101-78-9	753101-79-0	753101-80-3
753101-81-4	753101-82-5	753101-83-6	753101-84-7	753101-85-8
753101-86-9	753101-87-0	753101-88-1	753101-89-2	753101-90-5
753101-91-6	753101-92-7	753101-93-8	753101-94-9	753101-95-0
753101-96-1	753101-97-2	753101-98-3	753101-99-4	753102-00-0
753102-01-1	753102-02-2	753102-03-3	753102-04-4	753102-05-5
753102-06-6	753102-07-7	753102-08-8	753102-09-9	753102-10-2
753102-11-3	753102-12-4	753102-13-5	753102-14-6	753102-15-7
753102-16-8	753102-17-9	753102-18-0	753102-19-1	753102-20-4
753102-21-5	753102-22-6	753102-23-7	753102-24-8	753102-25-9
753102-26-0	753102-27-1	753102-28-2	753102-29-3	753102-30-6
753102-31-7	753102-32-8	753102-33-9	753102-34-0	753102-35-1
753102-36-2	753102-37-3	753102-38-4	753102-39-5	753102-40-8
753102-41-9	753102-42-0	753102-43-1	753102-44-2	753102-45-3
753102-46-4	753102-47-5	753102-48-6	753102-49-7	753102-50-0
753102-51-1	753102-52-2	753102-53-3	753102-54-4	753102-55-5
753102-56-6	753102-57-7	753102-58-8	753102-59-9	753102-60-2
753102-61-3	753102-62-4	753102-63-5	753102-64-6	753102-65-7
753102-66-8	753102-67-9	753102-68-0	753102-69-1	753102-70-4
753102-71-5	753102-72-6	753102-73-7	753102-74-8	753102-75-9
753102-76-0	753102-77-1	753102-78-2	753102-79-3	753102-80-6
753102-81-7	753102-82-8	753102-83-9	753102-84-0	753102-85-1
753102-86-2	753102-87-3	753102-88-4	753102-89-5	753102-90-8
753102-91-9	753102-92-0	753102-93-1	753102-94-2	753102-95-3
753102-96-4	753102-97-5	753102-98-6	753102-99-7	753103-00-3
753103-01-4	753103-02-5	753103-03-6	753103-04-7	753103-05-8
753103-06-9	753103-07-0	753103-08-1	753103-09-2	753103-10-5
753103-11-6	753103-12-7	753103-13-8	753103-14-9	753103-15-0
753103-16-1	753103-17-2	753103-18-3	753103-19-4	753103-20-7
753103-21-8	753103-22-9	753103-23-0	753103-24-1	753103-25-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753103-26-3	753103-27-4	753103-28-5	753103-29-6	753103-30-9
	753103-31-0	753103-32-1	753103-33-2	753103-34-3	753103-35-4
	753103-36-5	753103-37-6	753103-38-7	753103-39-8	753103-40-1
	753103-41-2	753103-42-3	753103-43-4	753103-44-5	753103-45-6
	753103-46-7	753103-47-8	753103-48-9	753103-49-0	753103-50-3
	753103-51-4	753103-52-5	753103-53-6	753103-54-7	753103-55-8
	753103-56-9	753103-57-0	753103-58-1	753103-59-2	753103-60-5
	753103-61-6	753103-62-7	753103-63-8	753103-64-9	753103-65-0
	753103-66-1	753103-67-2	753103-68-3	753103-69-4	753103-70-7
	753103-71-8	753103-72-9	753103-73-0	753103-74-1	753103-75-2
	753103-76-3	753103-77-4	753103-78-5	753103-79-6	753103-80-9
	753103-81-0	753103-82-1	753103-83-2	753103-84-3	753103-85-4
	753103-86-5	753103-87-6	753103-88-7	753103-89-8	753103-90-1
	753103-91-2	753103-92-3	753103-93-4	753103-94-5	753103-95-6
	753103-96-7	753103-97-8	753103-98-9	753103-99-0	753104-00-6
	753104-01-7	753104-02-8	753104-03-9	753104-04-0	753104-05-1
	753104-06-2	753104-07-3	753104-08-4	753104-09-5	753104-10-8

753104-11-9	753104-12-0	753104-13-1	753104-14-2	753104-15-3
753104-16-4	753104-17-5	753104-18-6	753104-19-7	753104-20-0
753104-21-1	753104-22-2	753104-23-3	753104-24-4	753104-25-5
753104-26-6	753104-27-7	753104-28-8	753104-29-9	753104-30-2
753104-31-3	753104-32-4	753104-33-5	753104-34-6	753104-35-7
753104-36-8	753104-37-9	753104-38-0	753104-39-1	753104-40-4
753104-41-5	753104-42-6	753104-43-7	753104-44-8	753104-45-9
753104-46-0	753104-47-1	753104-48-2	753104-49-3	753104-50-6
753104-51-7	753104-52-8	753104-53-9	753104-54-0	753104-55-1
753104-56-2	753104-57-3	753104-58-4	753104-59-5	753104-60-8
753104-61-9	753104-62-0	753104-63-1	753104-64-2	753104-65-3
753104-66-4	753104-67-5	753104-68-6	753104-69-7	753104-70-0
753104-71-1	753104-72-2	753104-73-3	753104-74-4	753104-75-5
753104-76-6	753104-77-7	753104-78-8	753104-79-9	753104-80-2
753104-81-3	753104-82-4	753104-83-5	753104-84-6	753104-85-7
753104-86-8	753104-87-9	753104-88-0	753104-89-1	753104-90-4
753104-91-5	753104-92-6	753104-93-7	753104-94-8	753104-95-9
753104-96-0	753104-97-1	753104-98-2	753104-99-3	753105-00-9
753105-01-0	753105-02-1	753105-03-2	753105-04-3	753105-05-4
753105-06-5	753105-07-6	753105-08-7	753105-09-8	753105-10-1
753105-11-2	753105-12-3	753105-13-4	753105-14-5	753105-15-6
753105-16-7	753105-17-8	753105-18-9	753105-19-0	753105-20-3
753105-21-4	753105-22-5	753105-23-6	753105-24-7	753105-25-8
753105-26-9	753105-27-0	753105-28-1	753105-29-2	753105-30-5
753105-31-6	753105-32-7	753105-33-8	753105-34-9	753105-35-0
753105-36-1	753105-37-2	753105-38-3	753105-39-4	753105-40-7
753105-41-8	753105-42-9	753105-43-0	753105-44-1	753105-45-2
753105-46-3	753105-47-4	753105-48-5	753105-49-6	753105-50-9
753105-51-0	753105-52-1	753105-53-2	753105-54-3	753105-55-4
753105-56-5	753105-57-6	753105-58-7	753105-59-8	753105-60-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753105-61-2	753105-62-3	753105-63-4	753105-64-5	753105-65-6
	753105-66-7	753105-67-8	753105-68-9	753105-69-0	753105-70-3
	753105-71-4	753105-72-5	753105-73-6	753105-74-7	753105-75-8
	753105-76-9	753105-77-0	753105-78-1	753105-79-2	753105-80-5
	753105-81-6	753105-82-7	753105-83-8	753105-84-9	753105-85-0
	753105-86-1	753105-87-2	753105-88-3	753105-89-4	753105-90-7
	753105-91-8	753105-92-9	753105-93-0	753105-94-1	753105-95-2
	753105-96-3	753105-97-4	753105-98-5	753105-99-6	753106-00-2
	753106-01-3	753106-02-4	753106-03-5	753106-04-6	753106-05-7
	753106-06-8	753106-07-9	753106-08-0	753106-09-1	753106-10-4
	753106-11-5	753106-12-6	753106-13-7	753106-14-8	753106-15-9
	753106-16-0	753106-17-1	753106-18-2	753106-19-3	753106-20-6
	753106-21-7	753106-22-8	753106-23-9	753106-24-0	753106-25-1
	753106-26-2	753106-27-3	753106-28-4	753106-29-5	753106-30-8
	753106-31-9	753106-32-0	753106-33-1	753106-34-2	753106-35-3
	753106-36-4	753106-37-5	753106-38-6	753106-39-7	753106-40-0
	753106-41-1	753106-42-2	753106-43-3	753106-44-4	753106-45-5
	753106-46-6	753106-47-7	753106-48-8	753106-49-9	753106-50-2
	753106-51-3	753106-52-4	753106-53-5	753106-54-6	753106-55-7
	753106-56-8	753106-57-9	753106-58-0	753106-59-1	753106-60-4
	753106-61-5	753106-62-6	753106-63-7	753106-64-8	753106-65-9
	753106-66-0	753106-67-1	753106-68-2	753106-69-3	753106-70-6
	753106-71-7	753106-72-8	753106-73-9	753106-74-0	753106-75-1
	753106-76-2	753106-77-3	753106-78-4	753106-79-5	753106-80-8
	753106-81-9	753106-82-0	753106-83-1	753106-84-2	753106-85-3
	753106-86-4	753106-87-5	753106-88-6	753106-89-7	753106-90-0
	753106-91-1	753106-92-2	753106-93-3	753106-94-4	753106-95-5
	753106-96-6	753106-97-7	753106-98-8	753106-99-9	753107-00-5
	753107-01-6	753107-02-7	753107-03-8	753107-04-9	753107-05-0
	753107-06-1	753107-07-2	753107-08-3	753107-09-4	753107-10-7
	753107-11-8	753107-12-9	753107-13-0	753107-14-1	753107-15-2
	753107-16-3	753107-17-4	753107-18-5	753107-19-6	753107-20-9

753107-21-0	753107-22-1	753107-23-2	753107-24-3	753107-25-4
753107-26-5	753107-27-6	753107-28-7	753107-29-8	753107-30-1
753107-31-2	753107-32-3	753107-33-4	753107-34-5	753107-35-6
753107-36-7	753107-37-8	753107-38-9	753107-39-0	753107-40-3
753107-41-4	753107-42-5	753107-43-6	753107-44-7	753107-45-8
753107-46-9	753107-47-0	753107-48-1	753107-49-2	753107-50-5
753107-51-6	753107-52-7	753107-53-8	753107-54-9	753107-55-0
753107-56-1	753107-57-2	753107-58-3	753107-59-4	753107-60-7
753107-61-8	753107-62-9	753107-63-0	753107-64-1	753107-65-2
753107-66-3	753107-67-4	753107-68-5	753107-69-6	753107-70-9
753107-71-0	753107-72-1	753107-73-2	753107-74-3	753107-75-4
753107-76-5	753107-77-6	753107-78-7	753107-79-8	753107-80-1
753107-81-2	753107-82-3	753107-83-4	753107-84-5	753107-85-6
753107-86-7	753107-87-8	753107-88-9	753107-89-0	753107-90-3
753107-91-4	753107-92-5	753107-93-6	753107-94-7	753107-95-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753107-96-9	753107-97-0	753107-98-1	753107-99-2	753108-00-8
	753108-01-9	753108-02-0	753108-03-1	753108-04-2	753108-05-3
	753108-06-4	753108-07-5	753108-08-6	753108-09-7	753108-10-0
	753108-11-1	753108-12-2	753108-13-3	753108-14-4	753108-15-5
	753108-16-6	753108-17-7	753108-18-8	753108-19-9	753108-20-2
	753108-21-3	753108-22-4	753108-23-5	753108-24-6	753108-25-7
	753108-26-8	753108-27-9	753108-28-0	753108-29-1	753108-30-4
	753108-31-5	753108-32-6	753108-33-7	753108-34-8	753108-35-9
	753108-36-0	753108-37-1	753108-38-2	753108-39-3	753108-40-6
	753108-41-7	753108-42-8	753108-43-9	753108-44-0	753108-45-1
	753108-46-2	753108-47-3	753108-48-4	753108-49-5	753108-50-8
	753108-51-9	753108-52-0	753108-53-1	753108-54-2	753108-55-3
	753108-56-4	753108-57-5	753108-58-6	753108-59-7	753108-60-0
	753108-61-1	753108-62-2	753108-63-3	753108-64-4	753108-65-5
	753108-66-6	753108-67-7	753108-68-8	753108-69-9	753108-70-2
	753108-71-3	753108-72-4	753108-73-5	753108-74-6	753108-75-7
	753108-76-8	753108-77-9	753108-78-0	753108-79-1	753108-80-4
	753108-81-5	753108-82-6	753108-83-7	753108-84-8	753108-85-9
	753108-86-0	753108-87-1	753108-88-2	753108-89-3	753108-90-6
	753108-91-7	753108-92-8	753108-93-9	753108-94-0	753108-95-1
	753108-96-2	753108-97-3	753108-98-4	753108-99-5	753109-00-1
	753109-01-2	753109-02-3	753109-03-4	753109-04-5	753109-05-6
	753109-06-7	753109-07-8	753109-08-9	753109-09-0	753109-10-3
	753109-11-4	753109-12-5	753109-13-6	753109-14-7	753109-15-8
	753109-16-9	753109-17-0	753109-18-1	753109-19-2	753109-20-5
	753109-21-6	753109-22-7	753109-23-8	753109-24-9	753109-25-0
	753109-26-1	753109-27-2	753109-28-3	753109-29-4	753109-30-7
	753109-31-8	753109-32-9	753109-33-0	753109-34-1	753109-35-2
	753109-36-3	753109-37-4	753109-38-5	753109-39-6	753109-40-9
	753109-41-0	753109-42-1	753109-43-2	753109-44-3	753109-45-4
	753109-46-5	753109-47-6	753109-48-7	753109-49-8	753109-50-1
	753109-51-2	753109-52-3	753109-53-4	753109-54-5	753109-55-6
	753109-56-7	753109-57-8	753109-58-9	753109-59-0	753109-60-3
	753109-61-4	753109-62-5	753109-63-6	753109-64-7	753109-65-8
	753109-66-9	753109-67-0	753109-68-1	753109-69-2	753109-70-5
	753109-71-6	753109-72-7	753109-73-8	753109-74-9	753109-75-0
	753109-76-1	753109-77-2	753109-78-3	753109-79-4	753109-80-7
	753109-81-8	753109-82-9	753109-83-0	753109-84-1	753109-85-2
	753109-86-3	753109-87-4	753109-88-5	753109-89-6	753109-90-9
	753109-91-0	753109-92-1	753109-93-2	753109-94-3	753109-95-4
	753109-96-5	753109-97-6	753109-98-7	753109-99-8	753110-00-8
	753110-01-9	753110-02-0	753110-03-1	753110-04-2	753110-05-3
	753110-06-4	753110-07-5	753110-08-6	753110-09-7	753110-10-0
	753110-11-1	753110-12-2	753110-13-3	753110-14-4	753110-15-5
	753110-16-6	753110-17-7	753110-18-8	753110-19-9	753110-20-2
	753110-21-3	753110-22-4	753110-23-5	753110-24-6	753110-25-7
	753110-26-8	753110-27-9	753110-28-0	753110-29-1	753110-30-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753110-31-5	753110-32-6	753110-33-7	753110-34-8	753110-35-9
	753110-36-0	753110-37-1	753110-38-2	753110-39-3	753110-40-6
	753110-41-7	753110-42-8	753110-43-9	753110-44-0	753110-45-1
	753110-46-2	753110-47-3	753110-48-4	753110-49-5	753110-50-8
	753110-51-9	753110-52-0	753110-53-1	753110-54-2	753110-55-3
	753110-56-4	753110-57-5	753110-58-6	753110-59-7	753110-60-0
	753110-61-1	753110-62-2	753110-63-3	753110-64-4	753110-65-5
	753110-66-6	753110-67-7	753110-68-8	753110-69-9	753110-70-2
	753110-71-3	753110-72-4	753110-73-5	753110-74-6	753110-75-7
	753110-76-8	753110-77-9	753110-78-0	753110-79-1	753110-80-4
	753110-81-5	753110-82-6	753110-83-7	753110-84-8	753110-85-9
	753110-86-0	753110-87-1	753110-88-2	753110-89-3	753110-90-6
	753110-91-7	753110-92-8	753110-93-9	753110-94-0	753110-95-1
	753110-96-2	753110-97-3	753110-98-4	753110-99-5	753111-00-1
	753111-01-2	753111-02-3	753111-03-4	753111-04-5	753111-05-6
	753111-06-7	753111-07-8	753111-08-9	753111-09-0	753111-10-3
	753111-11-4	753111-12-5	753111-13-6	753111-14-7	753111-15-8
	753111-16-9	753111-17-0	753111-18-1	753111-19-2	753111-20-5
	753111-21-6	753111-22-7	753111-23-8	753111-24-9	753111-25-0
	753111-26-1	753111-27-2	753111-28-3	753111-29-4	753111-30-7
	753111-31-8	753111-32-9	753111-33-0	753111-34-1	753111-35-2
	753111-36-3	753111-37-4	753111-38-5	753111-39-6	753111-40-9
	753111-41-0	753111-42-1	753111-43-2	753111-44-3	753111-45-4
	753111-46-5	753111-47-6	753111-48-7	753111-49-8	753111-50-1
	753111-51-2	753111-52-3	753111-53-4	753111-54-5	753111-55-6
	753111-56-7	753111-57-8	753111-58-9	753111-59-0	753111-60-3
	753111-61-4	753111-62-5	753111-63-6	753111-64-7	753111-65-8
	753111-66-9	753111-67-0	753111-68-1	753111-69-2	753111-70-5
	753111-71-6	753111-72-7	753111-73-8	753111-74-9	753111-75-0
	753111-76-1	753111-77-2	753111-78-3	753111-79-4	753111-80-7
	753111-81-8	753111-82-9	753111-83-0	753111-84-1	753111-85-2
	753111-86-3	753111-87-4	753111-88-5	753111-89-6	753111-90-9
	753111-91-0	753111-92-1	753111-93-2	753111-94-3	753111-95-4
	753111-96-5	753111-97-6	753111-98-7	753111-99-8	753112-00-4
	753112-01-5	753112-02-6	753112-03-7	753112-04-8	753112-05-9
	753112-06-0	753112-07-1	753112-08-2	753112-09-3	753112-10-6
	753112-11-7	753112-12-8	753112-13-9	753112-14-0	753112-15-1
	753112-16-2	753112-17-3	753112-18-4	753112-19-5	753112-20-8
	753112-21-9	753112-22-0	753112-23-1	753112-24-2	753112-25-3
	753112-26-4	753112-27-5	753112-28-6	753112-29-7	753112-30-0
	753112-31-1	753112-32-2	753112-33-3	753112-34-4	753112-35-5
	753112-36-6	753112-37-7	753112-38-8	753112-39-9	753112-40-2
	753112-41-3	753112-42-4	753112-43-5	753112-44-6	753112-45-7
	753112-46-8	753112-47-9	753112-48-0	753112-49-1	753112-50-4
	753112-51-5	753112-52-6	753112-53-7	753112-54-8	753112-55-9
	753112-56-0	753112-57-1	753112-58-2	753112-59-3	753112-60-6
	753112-61-7	753112-62-8	753112-63-9	753112-64-0	753112-65-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753112-66-2	753112-67-3	753112-68-4	753112-69-5	753112-70-8
	753112-71-9	753112-72-0	753112-73-1	753112-74-2	753112-75-3
	753112-76-4	753112-77-5	753112-78-6	753112-79-7	753112-80-0
	753112-81-1	753112-82-2	753112-83-3	753112-84-4	753112-85-5
	753112-86-6	753112-87-7	753112-88-8	753112-89-9	753112-90-2
	753112-91-3	753112-92-4	753112-93-5	753112-94-6	753112-95-7
	753112-96-8	753112-97-9	753112-98-0	753112-99-1	753113-00-7
	753113-01-8	753113-02-9	753113-03-0	753113-04-1	753113-05-2
	753113-06-3	753113-07-4	753113-08-5	753113-09-6	753113-10-9
	753113-11-0	753113-12-1	753113-13-2	753113-14-3	753113-15-4
	753113-16-5	753113-17-6	753113-18-7	753113-19-8	753113-20-1

753113-21-2	753113-22-3	753113-23-4	753113-24-5	753113-25-6
753113-26-7	753113-27-8	753113-28-9	753113-29-0	753113-30-3
753113-31-4	753113-32-5	753113-33-6	753113-34-7	753113-35-8
753113-36-9	753113-37-0	753113-38-1	753113-39-2	753113-40-5
753113-41-6	753113-42-7	753113-43-8	753113-44-9	753113-45-0
753113-46-1	753113-47-2	753113-48-3	753113-49-4	753113-50-7
753113-51-8	753113-52-9	753113-53-0	753113-54-1	753113-55-2
753113-56-3	753113-57-4	753113-58-5	753113-59-6	753113-60-9
753113-61-0	753113-62-1	753113-63-2	753113-64-3	753113-65-4
753113-66-5	753113-67-6	753113-68-7	753113-69-8	753113-70-1
753113-71-2	753113-72-3	753113-73-4	753113-74-5	753113-75-6
753113-76-7	753113-77-8	753113-78-9	753113-79-0	753113-80-3
753113-81-4	753113-82-5	753113-83-6	753113-84-7	753113-85-8
753113-86-9	753113-87-0	753113-88-1	753113-89-2	753113-90-5
753113-91-6	753113-92-7	753113-93-8	753113-94-9	753113-95-0
753113-96-1	753113-97-2	753113-98-3	753113-99-4	753114-00-0
753114-01-1	753114-02-2	753114-03-3	753114-04-4	753114-05-5
753114-06-6	753114-07-7	753114-08-8	753114-09-9	753114-10-2
753114-11-3	753114-12-4	753114-13-5	753114-14-6	753114-15-7
753114-16-8	753114-17-9	753114-18-0	753114-19-1	753114-20-4
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753114-26-0	753114-27-1	753114-28-2	753114-29-3	753114-30-6
753114-31-7	753114-32-8	753114-33-9	753114-34-0	753114-35-1
753114-36-2	753114-37-3	753114-38-4	753114-39-5	753114-40-8
753114-41-9	753114-42-0	753114-43-1	753114-44-2	753114-45-3
753114-46-4	753114-47-5	753114-48-6	753114-49-7	753114-50-0
753114-51-1	753114-52-2	753114-53-3	753114-54-4	753114-55-5
753114-56-6	753114-57-7	753114-58-8	753114-59-9	753114-60-2
753114-61-3	753114-62-4	753114-63-5	753114-64-6	753114-65-7
753114-66-8	753114-67-9	753114-68-0	753114-69-1	753114-70-4
753114-71-5	753114-72-6	753114-73-7	753114-74-8	753114-75-9
753114-76-0	753114-77-1	753114-78-2	753114-79-3	753114-80-6
753114-81-7	753114-82-8	753114-83-9	753114-84-0	753114-85-1
753114-86-2	753114-87-3	753114-88-4	753114-89-5	753114-90-8
753114-91-9	753114-92-0	753114-93-1	753114-94-2	753114-95-3
753114-96-4	753114-97-5	753114-98-6	753114-99-7	753115-00-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753115-01-4	753115-02-5	753115-03-6	753115-04-7	753115-05-8
	753115-06-9	753115-07-0	753115-08-1	753115-09-2	753115-10-5
	753115-11-6	753115-12-7	753115-13-8	753115-14-9	753115-15-0
	753115-16-1	753115-17-2	753115-18-3	753115-19-4	753115-20-7
	753115-21-8	753115-22-9	753115-23-0	753115-24-1	753115-25-2
	753115-26-3	753115-27-4	753115-28-5	753115-29-6	753115-30-9
	753115-31-0	753115-32-1	753115-33-2	753115-34-3	753115-35-4
	753115-36-5	753115-37-6	753115-38-7	753115-39-8	753115-40-1
	753115-41-2	753115-42-3	753115-43-4	753115-44-5	753115-45-6
	753115-46-7	753115-47-8	753115-48-9	753115-49-0	753115-50-3
	753115-51-4	753115-52-5	753115-53-6	753115-54-7	753115-55-8
	753115-56-9	753115-57-0	753115-58-1	753115-59-2	753115-60-5
	753115-61-6	753115-62-7	753115-63-8	753115-64-9	753115-65-0
	753115-66-1	753115-67-2	753115-68-3	753115-69-4	753115-70-7
	753115-71-8	753115-72-9	753115-73-0	753115-74-1	753115-75-2
	753115-76-3	753115-77-4	753115-78-5	753115-79-6	753115-80-9
	753115-81-0	753115-82-1	753115-83-2	753115-84-3	753115-85-4
	753115-86-5	753115-87-6	753115-88-7	753115-89-8	753115-90-1
	753115-91-2	753115-92-3	753115-93-4	753115-94-5	753115-95-6
	753115-96-7	753115-97-8	753115-98-9	753115-99-0	753116-00-6
	753116-01-7	753116-02-8	753116-03-9	753116-04-0	753116-05-1
	753116-06-2	753116-07-3	753116-08-4	753116-09-5	753116-10-8
	753116-11-9	753116-12-0	753116-13-1	753116-14-2	753116-15-3
	753116-16-4	753116-17-5	753116-18-6	753116-19-7	753116-20-0
	753116-21-1	753116-22-2	753116-23-3	753116-24-4	753116-25-5
	753116-26-6	753116-27-7	753116-28-8	753116-29-9	753116-30-2

753116-31-3	753116-32-4	753116-33-5	753116-34-6	753116-35-7
753116-36-8	753116-37-9	753116-38-0	753116-39-1	753116-40-4
753116-41-5	753116-42-6	753116-43-7	753116-44-8	753116-45-9
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753116-51-7	753116-52-8	753116-53-9	753116-54-0	753116-55-1
753116-56-2	753116-57-3	753116-58-4	753116-59-5	753116-60-8
753116-61-9	753116-62-0	753116-63-1	753116-64-2	753116-65-3
753116-66-4	753116-67-5	753116-68-6	753116-69-7	753116-70-0
753116-71-1	753116-72-2	753116-73-3	753116-74-4	753116-75-5
753116-76-6	753116-77-7	753116-78-8	753116-79-9	753116-80-2
753116-81-3	753116-82-4	753116-83-5	753116-84-6	753116-85-7
753116-86-8	753116-87-9	753116-88-0	753116-89-1	753116-90-4
753116-91-5	753116-92-6	753116-93-7	753116-94-8	753116-95-9
753116-96-0	753116-97-1	753116-98-2	753116-99-3	753117-00-9
753117-01-0	753117-02-1	753117-03-2	753117-04-3	753117-05-4
753117-06-5	753117-07-6	753117-08-7	753117-09-8	753117-10-1
753117-11-2	753117-12-3	753117-13-4	753117-14-5	753117-15-6
753117-16-7	753117-17-8	753117-18-9	753117-19-0	753117-20-3
753117-21-4	753117-22-5	753117-23-6	753117-24-7	753117-25-8
753117-26-9	753117-27-0	753117-28-1	753117-29-2	753117-30-5
753117-31-6	753117-32-7	753117-33-8	753117-34-9	753117-35-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 753117-36-1	753117-37-2	753117-38-3	753117-39-4	753117-40-7
753117-41-8	753117-42-9	753117-43-0	753117-44-1	753117-45-2
753117-46-3	753117-47-4	753117-48-5	753117-49-6	753117-50-9
753117-51-0	753117-52-1	753117-53-2	753117-54-3	753117-55-4
753117-56-5	753117-57-6	753117-58-7	753117-59-8	753117-60-1
753117-61-2	753117-62-3	753117-63-4	753117-64-5	753117-65-6
753117-66-7	753117-67-8	753117-68-9	753117-69-0	753117-70-3
753117-71-4	753117-72-5	753117-73-6	753117-74-7	753117-75-8
753117-76-9	753117-77-0	753117-78-1	753117-79-2	753117-80-5
753117-81-6	753117-82-7	753117-83-8	753117-84-9	753117-85-0
753117-86-1	753117-87-2	753117-88-3	753117-89-4	753117-90-7
753117-91-8	753117-92-9	753117-93-0	753117-94-1	753117-95-2
753117-96-3	753117-97-4	753117-98-5	753117-99-6	753118-00-2
753118-01-3	753118-02-4	753118-03-5	753118-04-6	753118-05-7
753118-06-8	753118-07-9	753118-08-0	753118-09-1	753118-10-4
753118-11-5	753118-12-6	753118-13-7	753118-14-8	753118-15-9
753118-16-0	753118-17-1	753118-18-2	753118-19-3	753118-20-6
753118-21-7	753118-22-8	753118-23-9	753118-24-0	753118-25-1
753118-26-2	753118-27-3	753118-28-4	753118-29-5	753118-30-8
753118-31-9	753118-32-0	753118-33-1	753118-34-2	753118-35-3
753118-36-4	753118-37-5	753118-38-6	753118-39-7	753118-40-0
753118-41-1	753118-42-2	753118-43-3	753118-44-4	753118-45-5
753118-46-6	753118-47-7	753118-48-8	753118-49-9	753118-50-2
753118-51-3	753118-52-4	753118-53-5	753118-54-6	753118-55-7
753118-56-8	753118-57-9	753118-58-0	753118-59-1	753118-60-4
753118-61-5	753118-62-6	753118-63-7	753118-64-8	753118-65-9
753118-66-0	753118-67-1	753118-68-2	753118-69-3	753118-70-6
753118-71-7	753118-72-8	753118-73-9	753118-74-0	753118-75-1
753118-76-2	753118-77-3	753118-78-4	753118-79-5	753118-80-8
753118-81-9	753118-82-0	753118-83-1	753118-84-2	753118-85-3
753118-86-4	753118-87-5	753118-88-6	753118-89-7	753118-90-0
753118-91-1	753118-92-2	753118-93-3	753118-94-4	753118-95-5
753118-96-6	753118-97-7	753118-98-8	753118-99-9	753119-00-5
753119-01-6	753119-02-7	753119-03-8	753119-04-9	753119-05-0
753119-06-1	753119-07-2	753119-08-3	753119-09-4	753119-10-7
753119-11-8	753119-12-9	753119-13-0	753119-14-1	753119-15-2
753119-16-3	753119-17-4	753119-18-5	753119-19-6	753119-20-9
753119-21-0	753119-22-1	753119-23-2	753119-24-3	753119-25-4
753119-26-5	753119-27-6	753119-28-7	753119-29-8	753119-30-1
753119-31-2	753119-32-3	753119-33-4	753119-34-5	753119-35-6
753119-36-7	753119-37-8	753119-38-9	753119-39-0	753119-40-3

753119-41-4	753119-42-5	753119-43-6	753119-44-7	753119-45-8
753119-46-9	753119-47-0	753119-48-1	753119-49-2	753119-50-5
753119-51-6	753119-52-7	753119-53-8	753119-54-9	753119-55-0
753119-56-1	753119-57-2	753119-58-3	753119-59-4	753119-60-7
753119-61-8	753119-62-9	753119-63-0	753119-64-1	753119-65-2
753119-66-3	753119-67-4	753119-68-5	753119-69-6	753119-70-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753119-71-0	753119-72-1	753119-73-2	753119-74-3	753119-75-4
	753119-76-5	753119-77-6	753119-78-7	753119-79-8	753119-80-1
	753119-81-2	753119-82-3	753119-83-4	753119-84-5	753119-85-6
	753119-86-7	753119-87-8	753119-88-9	753119-89-0	753119-90-3
	753119-91-4	753119-92-5	753119-93-6	753119-94-7	753119-95-8
	753119-96-9	753119-97-0	753119-98-1	753119-99-2	753120-00-2
	753120-01-3	753120-02-4	753120-03-5	753120-04-6	753120-05-7
	753120-06-8	753120-07-9	753120-08-0	753120-09-1	753120-10-4
	753120-11-5	753120-12-6	753120-13-7	753120-14-8	753120-15-9
	753120-16-0	753120-17-1	753120-18-2	753120-19-3	753120-20-6
	753120-21-7	753120-22-8	753120-23-9	753120-24-0	753120-25-1
	753120-26-2	753120-27-3	753120-28-4	753120-29-5	753120-30-8
	753120-31-9	753120-32-0	753120-33-1	753120-34-2	753120-35-3
	753120-36-4	753120-37-5	753120-38-6	753120-39-7	753120-40-0
	753120-41-1	753120-42-2	753120-43-3	753120-44-4	753120-45-5
	753120-46-6	753120-47-7	753120-48-8	753120-49-9	753120-50-2
	753120-51-3	753120-52-4	753120-53-5	753120-54-6	753120-55-7
	753120-56-8	753120-57-9	753120-58-0	753120-59-1	753120-60-4
	753120-61-5	753120-62-6	753120-63-7	753120-64-8	753120-65-9
	753120-66-0	753120-67-1	753120-68-2	753120-69-3	753120-70-6
	753120-71-7	753120-72-8	753120-73-9	753120-74-0	753120-75-1
	753120-76-2	753120-77-3	753120-78-4	753120-79-5	753120-80-8
	753120-81-9	753120-82-0	753120-83-1	753120-84-2	753120-85-3
	753120-86-4	753120-87-5	753120-88-6	753120-89-7	753120-90-0
	753120-91-1	753120-92-2	753120-93-3	753120-94-4	753120-95-5
	753120-96-6	753120-97-7	753120-98-8	753120-99-9	753121-00-5
	753121-01-6	753121-02-7	753121-03-8	753121-04-9	753121-05-0
	753121-06-1	753121-07-2	753121-08-3	753121-09-4	753121-10-7
	753121-11-8	753121-12-9	753121-13-0	753121-14-1	753121-15-2
	753121-16-3	753121-17-4	753121-18-5	753121-19-6	753121-20-9
	753121-21-0	753121-22-1	753121-23-2	753121-24-3	753121-25-4
	753121-26-5	753121-27-6	753121-28-7	753121-29-8	753121-30-1
	753121-31-2	753121-32-3	753121-33-4	753121-34-5	753121-35-6
	753121-36-7	753121-37-8	753121-38-9	753121-39-0	753121-40-3
	753121-41-4	753121-42-5	753121-43-6	753121-44-7	753121-45-8
	753121-46-9	753121-47-0	753121-48-1	753121-49-2	753121-50-5
	753121-51-6	753121-52-7	753121-53-8	753121-54-9	753121-55-0
	753121-56-1	753121-57-2	753121-58-3	753121-59-4	753121-60-7
	753121-61-8	753121-62-9	753121-63-0	753121-64-1	753121-65-2
	753121-66-3	753121-67-4	753121-68-5	753121-69-6	753121-70-9
	753121-71-0	753121-72-1	753121-73-2	753121-74-3	753121-75-4
	753121-76-5	753121-77-6	753121-78-7	753121-79-8	753121-80-1
	753121-81-2	753121-82-3	753121-83-4	753121-84-5	753121-85-6
	753121-86-7	753121-87-8	753121-88-9	753121-89-0	753121-90-3
	753121-91-4	753121-92-5	753121-93-6	753121-94-7	753121-95-8
	753121-96-9	753121-97-0	753121-98-1	753121-99-2	753122-00-8
	753122-01-9	753122-02-0	753122-03-1	753122-04-2	753122-05-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753122-06-4	753122-07-5	753122-08-6	753122-09-7	753122-10-0
	753122-11-1	753122-12-2	753122-13-3	753122-14-4	753122-15-5
	753122-16-6	753122-17-7	753122-18-8	753122-19-9	753122-20-2
	753122-21-3	753122-22-4	753122-23-5	753122-24-6	753122-25-7
	753122-26-8	753122-27-9	753122-28-0	753122-29-1	753122-30-4

753122-31-5	753122-32-6	753122-33-7	753122-34-8	753122-35-9
753122-36-0	753122-37-1	753122-38-2	753122-39-3	753122-40-6
753122-41-7	753122-42-8	753122-43-9	753122-44-0	753122-45-1
753122-46-2	753122-47-3	753122-48-4	753122-49-5	753122-50-8
753122-51-9	753122-52-0	753122-53-1	753122-54-2	753122-55-3
753122-56-4	753122-57-5	753122-58-6	753122-59-7	753122-60-0
753122-61-1	753122-62-2	753122-63-3	753122-64-4	753122-65-5
753122-66-6	753122-67-7	753122-68-8	753122-69-9	753122-70-2
753122-71-3	753122-72-4	753122-73-5	753122-74-6	753122-75-7
753122-76-8	753122-77-9	753122-78-0	753122-79-1	753122-80-4
753122-81-5	753122-82-6	753122-83-7	753122-84-8	753122-85-9
753122-86-0	753122-87-1	753122-88-2	753122-89-3	753122-90-6
753122-91-7	753122-92-8	753122-93-9	753122-94-0	753122-95-1
753122-96-2	753122-97-3	753122-98-4	753122-99-5	753123-00-1
753123-01-2	753123-02-3	753123-03-4	753123-04-5	753123-05-6
753123-06-7	753123-07-8	753123-08-9	753123-09-0	753123-10-3
753123-11-4	753123-12-5	753123-13-6	753123-14-7	753123-15-8
753123-16-9	753123-17-0	753123-18-1	753123-19-2	753123-20-5
753123-21-6	753123-22-7	753123-23-8	753123-24-9	753123-25-0
753123-26-1	753123-27-2	753123-28-3	753123-29-4	753123-30-7
753123-31-8	753123-32-9	753123-33-0	753123-34-1	753123-35-2
753123-36-3	753123-37-4	753123-38-5	753123-39-6	753123-40-9
753123-41-0	753123-42-1	753123-43-2	753123-44-3	753123-45-4
753123-46-5	753123-47-6	753123-48-7	753123-49-8	753123-50-1
753123-51-2	753123-52-3	753123-53-4	753123-54-5	753123-55-6
753123-56-7	753123-57-8	753123-58-9	753123-59-0	753123-60-3
753123-61-4	753123-62-5	753123-63-6	753123-64-7	753123-65-8
753123-66-9	753123-67-0	753123-68-1	753123-69-2	753123-70-5
753123-71-6	753123-72-7	753123-73-8	753123-74-9	753123-75-0
753123-76-1	753123-77-2	753123-78-3	753123-79-4	753123-80-7
753123-81-8	753123-82-9	753123-83-0	753123-84-1	753123-85-2
753123-86-3	753123-87-4	753123-88-5	753123-89-6	753123-90-9
753123-91-0	753123-92-1	753123-93-2	753123-94-3	753123-95-4
753123-96-5	753123-97-6	753123-98-7	753123-99-8	753124-00-4
753124-01-5	753124-02-6	753124-03-7	753124-04-8	753124-05-9
753124-06-0	753124-07-1	753124-08-2	753124-09-3	753124-10-6
753124-11-7	753124-12-8	753124-13-9	753124-14-0	753124-15-1
753124-16-2	753124-17-3	753124-18-4	753124-19-5	753124-20-8
753124-21-9	753124-22-0	753124-23-1	753124-24-2	753124-25-3
753124-26-4	753124-27-5	753124-28-6	753124-29-7	753124-30-0
753124-31-1	753124-32-2	753124-33-3	753124-34-4	753124-35-5
753124-36-6	753124-37-7	753124-38-8	753124-39-9	753124-40-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753124-41-3	753124-42-4	753124-43-5	753124-44-6	753124-45-7
	753124-46-8	753124-47-9	753124-48-0	753124-49-1	753124-50-4
	753124-51-5	753124-52-6	753124-53-7	753124-54-8	753124-55-9
	753124-56-0	753124-57-1	753124-58-2	753124-59-3	753124-60-6
	753124-61-7	753124-62-8	753124-63-9	753124-64-0	753124-65-1
	753124-66-2	753124-67-3	753124-68-4	753124-69-5	753124-70-8
	753124-71-9	753124-72-0	753124-73-1	753124-74-2	753124-75-3
	753124-76-4	753124-77-5	753124-78-6	753124-79-7	753124-80-0
	753124-81-1	753124-82-2	753124-83-3	753124-84-4	753124-85-5
	753124-86-6	753124-87-7	753124-88-8	753124-89-9	753124-90-2
	753124-91-3	753124-92-4	753124-93-5	753124-94-6	753124-95-7
	753124-96-8	753124-97-9	753124-98-0	753124-99-1	753125-00-7
	753125-01-8	753125-02-9	753125-03-0	753125-04-1	753125-05-2
	753125-06-3	753125-07-4	753125-08-5	753125-09-6	753125-10-9
	753125-11-0	753125-12-1	753125-13-2	753125-14-3	753125-15-4
	753125-16-5	753125-17-6	753125-18-7	753125-19-8	753125-20-1
	753125-21-2	753125-22-3	753125-23-4	753125-24-5	753125-25-6
	753125-26-7	753125-27-8	753125-28-9	753125-29-0	753125-30-3
	753125-31-4	753125-32-5	753125-33-6	753125-34-7	753125-35-8
	753125-36-9	753125-37-0	753125-38-1	753125-39-2	753125-40-5

753125-41-6	753125-42-7	753125-43-8	753125-44-9	753125-45-0
753125-46-1	753125-47-2	753125-48-3	753125-49-4	753125-50-7
753125-51-8	753125-52-9	753125-53-0	753125-54-1	753125-55-2
753125-56-3	753125-57-4	753125-58-5	753125-59-6	753125-60-9
753125-61-0	753125-62-1	753125-63-2	753125-64-3	753125-65-4
753125-66-5	753125-67-6	753125-68-7	753125-69-8	753125-70-1
753125-71-2	753125-72-3	753125-73-4	753125-74-5	753125-75-6
753125-76-7	753125-77-8	753125-78-9	753125-79-0	753125-80-3
753125-81-4	753125-82-5	753125-83-6	753125-84-7	753125-85-8
753125-86-9	753125-87-0	753125-88-1	753125-89-2	753125-90-5
753125-91-6	753125-92-7	753125-93-8	753125-94-9	753125-95-0
753125-96-1	753125-97-2	753125-98-3	753125-99-4	753126-00-0
753126-01-1	753126-02-2	753126-03-3	753126-04-4	753126-05-5
753126-06-6	753126-07-7	753126-08-8	753126-09-9	753126-10-2
753126-11-3	753126-12-4	753126-13-5	753126-14-6	753126-15-7
753126-16-8	753126-17-9	753126-18-0	753126-19-1	753126-20-4
753126-21-5	753126-22-6	753126-23-7	753126-24-8	753126-25-9
753126-26-0	753126-27-1	753126-28-2	753126-29-3	753126-30-6
753126-31-7	753126-32-8	753126-33-9	753126-34-0	753126-35-1
753126-36-2	753126-37-3	753126-38-4	753126-39-5	753126-40-8
753126-41-9	753126-42-0	753126-43-1	753126-44-2	753126-45-3
753126-46-4	753126-47-5	753126-48-6	753126-49-7	753126-50-0
753126-51-1	753126-52-2	753126-53-3	753126-54-4	753126-55-5
753126-56-6	753126-57-7	753126-58-8	753126-59-9	753126-60-2
753126-61-3	753126-62-4	753126-63-5	753126-64-6	753126-65-7
753126-66-8	753126-67-9	753126-68-0	753126-69-1	753126-70-4
753126-71-5	753126-72-6	753126-73-7	753126-74-8	753126-75-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753126-76-0	753126-77-1	753126-78-2	753126-79-3	753126-80-6
	753126-81-7	753126-82-8	753126-83-9	753126-84-0	753126-85-1
	753126-86-2	753126-87-3	753126-88-4	753126-89-5	753126-90-8
	753126-91-9	753126-92-0	753126-93-1	753126-94-2	753126-95-3
	753126-96-4	753126-97-5	753126-98-6	753126-99-7	753127-00-3
	753127-01-4	753127-02-5	753127-03-6	753127-04-7	753127-05-8
	753127-06-9	753127-07-0	753127-08-1	753127-09-2	753127-10-5
	753127-11-6	753127-12-7	753127-13-8	753127-14-9	753127-15-0
	753127-16-1	753127-17-2	753127-18-3	753127-19-4	753127-20-7
	753127-21-8	753127-22-9	753127-23-0	753127-24-1	753127-25-2
	753127-26-3	753127-27-4	753127-28-5	753127-29-6	753127-30-9
	753127-31-0	753127-32-1	753127-33-2	753127-34-3	753127-35-4
	753127-36-5	753127-37-6	753127-38-7	753127-39-8	753127-40-1
	753127-41-2	753127-42-3	753127-43-4	753127-44-5	753127-45-6
	753127-46-7	753127-47-8	753127-48-9	753127-49-0	753127-50-3
	753127-51-4	753127-52-5	753127-53-6	753127-54-7	753127-55-8
	753127-56-9	753127-57-0	753127-58-1	753127-59-2	753127-60-5
	753127-61-6	753127-62-7	753127-63-8	753127-64-9	753127-65-0
	753127-66-1	753127-67-2	753127-68-3	753127-69-4	753127-70-7
	753127-71-8	753127-72-9	753127-73-0	753127-74-1	753127-75-2
	753127-76-3	753127-77-4	753127-78-5	753127-79-6	753127-80-9
	753127-81-0	753127-82-1	753127-83-2	753127-84-3	753127-85-4
	753127-86-5	753127-87-6	753127-88-7	753127-89-8	753127-90-1
	753127-91-2	753127-92-3	753127-93-4	753127-94-5	753127-95-6
	753127-96-7	753127-97-8	753127-98-9	753127-99-0	753128-00-6
	753128-01-7	753128-02-8	753128-03-9	753128-04-0	753128-05-1
	753128-06-2	753128-07-3	753128-08-4	753128-09-5	753128-10-8
	753128-11-9	753128-12-0	753128-13-1	753128-14-2	753128-15-3
	753128-16-4	753128-17-5	753128-18-6	753128-19-7	753128-20-0
	753128-21-1	753128-22-2	753128-23-3	753128-24-4	753128-25-5
	753128-26-6	753128-27-7	753128-28-8	753128-29-9	753128-30-2
	753128-31-3	753128-32-4	753128-33-5	753128-34-6	753128-35-7
	753128-36-8	753128-37-9	753128-38-0	753128-39-1	753128-40-4
	753128-41-5	753128-42-6	753128-43-7	753128-44-8	753128-45-9
	753128-46-0	753128-47-1	753128-48-2	753128-49-3	753128-50-6

753128-51-7	753128-52-8	753128-53-9	753128-54-0	753128-55-1
753128-56-2	753128-57-3	753128-58-4	753128-59-5	753128-60-8
753128-61-9	753128-62-0	753128-63-1	753128-64-2	753128-65-3
753128-66-4	753128-67-5	753128-68-6	753128-69-7	753128-70-0
753128-71-1	753128-72-2	753128-73-3	753128-74-4	753128-75-5
753128-76-6	753128-77-7	753128-78-8	753128-79-9	753128-80-2
753128-81-3	753128-82-4	753128-83-5	753128-84-6	753128-85-7
753128-86-8	753128-87-9	753128-88-0	753128-89-1	753128-90-4
753128-91-5	753128-92-6	753128-93-7	753128-94-8	753128-95-9
753128-96-0	753128-97-1	753128-98-2	753128-99-3	753129-00-9
753129-01-0	753129-02-1	753129-03-2	753129-04-3	753129-05-4
753129-06-5	753129-07-6	753129-08-7	753129-09-8	753129-10-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753129-11-2	753129-12-3	753129-13-4	753129-14-5	753129-15-6
	753129-16-7	753129-17-8	753129-18-9	753129-19-0	753129-20-3
	753129-21-4	753129-22-5	753129-23-6	753129-24-7	753129-25-8
	753129-26-9	753129-27-0	753129-28-1	753129-29-2	753129-30-5
	753129-31-6	753129-32-7	753129-33-8	753129-34-9	753129-35-0
	753129-36-1	753129-37-2	753129-38-3	753129-39-4	753129-40-7
	753129-41-8	753129-42-9	753129-43-0	753129-44-1	753129-45-2
	753129-46-3	753129-47-4	753129-48-5	753129-49-6	753129-50-9
	753129-51-0	753129-52-1	753129-53-2	753129-54-3	753129-55-4
	753129-56-5	753129-57-6	753129-58-7	753129-59-8	753129-60-1
	753129-61-2	753129-62-3	753129-63-4	753129-64-5	753129-65-6
	753129-66-7	753129-67-8	753129-68-9	753129-69-0	753129-70-3
	753129-71-4	753129-72-5	753129-73-6	753129-74-7	753129-75-8
	753129-76-9	753129-77-0	753129-78-1	753129-79-2	753129-80-5
	753129-81-6	753129-82-7	753129-83-8	753129-84-9	753129-85-0
	753129-86-1	753129-87-2	753129-88-3	753129-89-4	753129-90-7
	753129-91-8	753129-92-9	753129-93-0	753129-94-1	753129-95-2
	753129-96-3	753129-97-4	753129-98-5	753129-99-6	753130-00-6
	753130-01-7	753130-02-8	753130-03-9	753130-04-0	753130-05-1
	753130-06-2	753130-07-3	753130-08-4	753130-09-5	753130-10-8
	753130-11-9	753130-12-0	753130-13-1	753130-14-2	753130-15-3
	753130-16-4	753130-17-5	753130-18-6	753130-19-7	753130-20-0
	753130-21-1	753130-22-2	753130-23-3	753130-24-4	753130-25-5
	753130-26-6	753130-27-7	753130-28-8	753130-29-9	753130-30-2
	753130-31-3	753130-32-4	753130-33-5	753130-34-6	753130-35-7
	753130-36-8	753130-37-9	753130-38-0	753130-39-1	753130-40-4
	753130-41-5	753130-42-6	753130-43-7	753130-44-8	753130-45-9
	753130-46-0	753130-47-1	753130-48-2	753130-49-3	753130-50-6
	753130-51-7	753130-52-8	753130-53-9	753130-54-0	753130-55-1
	753130-56-2	753130-57-3	753130-58-4	753130-59-5	753130-60-8
	753130-61-9	753130-62-0	753130-63-1	753130-64-2	753130-65-3
	753130-66-4	753130-67-5	753130-68-6	753130-69-7	753130-70-0
	753130-71-1	753130-72-2	753130-73-3	753130-74-4	753130-75-5
	753130-76-6	753130-77-7	753130-78-8	753130-79-9	753130-80-2
	753130-81-3	753130-82-4	753130-83-5	753130-84-6	753130-85-7
	753130-86-8	753130-87-9	753130-88-0	753130-89-1	753130-90-4
	753130-91-5	753130-92-6	753130-93-7	753130-94-8	753130-95-9
	753130-96-0	753130-97-1	753130-98-2	753130-99-3	753131-00-9
	753131-01-0	753131-02-1	753131-03-2	753131-04-3	753131-05-4
	753131-06-5	753131-07-6	753131-08-7	753131-09-8	753131-10-1
	753131-11-2	753131-12-3	753131-13-4	753131-14-5	753131-15-6
	753131-16-7	753131-17-8	753131-18-9	753131-19-0	753131-20-3
	753131-21-4	753131-22-5	753131-23-6	753131-24-7	
	753131-25-8	753131-26-9	753131-27-0	753131-28-1	
	753131-29-2	753131-30-5	753131-31-6	753131-32-7	753131-33-8
	753131-34-9	753131-35-0	753131-36-1	753131-37-2	753131-38-3
	753131-39-4	753131-40-7	753131-41-8	753131-42-9	753131-43-0
	753131-44-1	753131-45-2			

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(amino acid sequence; sorghum nucleic acids and encoded proteins and
their uses improvement of transgenic plants)

IT	753131-46-3	753131-47-4	753131-48-5	753131-49-6	753131-50-9
	753131-51-0	753131-52-1	753131-53-2	753131-54-3	753131-55-4
	753131-56-5	753131-57-6	753131-58-7	753131-59-8	753131-60-1
	753131-61-2	753131-62-3	753131-63-4	753131-64-5	753131-65-6
	753131-66-7	753131-67-8	753131-68-9	753131-69-0	753131-70-3
	753131-71-4	753131-72-5	753131-73-6	753131-74-7	753131-75-8
	753131-76-9	753131-77-0	753131-78-1	753131-79-2	753131-80-5
	753131-81-6	753131-82-7	753131-83-8	753131-84-9	753131-85-0
	753131-86-1	753131-87-2	753131-88-3	753131-89-4	753131-90-7
	753131-91-8	753131-92-9	753131-93-0	753131-94-1	753131-95-2
	753131-96-3	753131-97-4	753131-98-5	753131-99-6	753132-00-2
	753132-01-3	753132-02-4	753132-03-5	753132-04-6	753132-05-7
	753132-06-8	753132-07-9	753132-08-0	753132-09-1	753132-10-4
	753132-11-5	753132-12-6	753132-13-7	753132-14-8	753132-15-9
	753132-16-0	753132-17-1	753132-18-2	753132-19-3	753132-20-6
	753132-21-7	753132-22-8	753132-23-9	753132-24-0	753132-25-1
	753132-26-2	753132-27-3	753132-28-4	753132-29-5	753132-30-8
	753132-31-9	753132-32-0	753132-33-1	753132-34-2	753132-35-3
	753132-36-4	753132-37-5	753132-38-6	753132-39-7	753132-40-0
	753132-41-1	753132-42-2	753132-43-3	753132-44-4	753132-45-5
	753132-46-6	753132-47-7	753132-48-8	753132-49-9	753132-50-2
	753132-51-3	753132-52-4	753132-53-5	753132-54-6	753132-55-7
	753132-56-8	753132-57-9	753132-58-0	753132-59-1	753132-60-4
	753132-61-5	753132-62-6	753132-63-7	753132-64-8	753132-65-9
	753132-66-0	753132-67-1	753132-68-2	753132-69-3	753132-70-6
	753132-71-7	753132-72-8	753132-73-9	753132-74-0	753132-75-1
	753132-76-2	753132-77-3	753132-78-4	753132-79-5	753132-80-8
	753132-81-9	753132-82-0	753132-83-1	753132-84-2	753132-85-3
	753132-86-4	753132-87-5	753132-88-6	753132-89-7	753132-90-0
	753132-91-1	753132-92-2	753132-93-3	753132-94-4	753132-95-5
	753132-96-6	753132-97-7	753132-98-8	753132-99-9	753133-00-5
	753133-01-6	753133-02-7	753133-03-8	753133-04-9	753133-05-0
	753133-06-1	753133-07-2	753133-08-3	753133-09-4	753133-10-7
	753133-11-8	753133-12-9	753133-13-0	753133-14-1	753133-15-2
	753133-16-3	753133-17-4	753133-18-5	753133-19-6	753133-20-9
	753133-21-0	753133-22-1	753133-23-2	753133-24-3	753133-25-4
	753133-26-5	753133-27-6	753133-28-7	753133-29-8	753133-30-1
	753133-31-2	753133-32-3	753133-33-4	753133-34-5	753133-35-6
	753133-36-7	753133-37-8	753133-38-9	753133-39-0	753133-40-3
	753133-41-4	753133-42-5	753133-43-6	753133-44-7	753133-45-8
	753133-46-9	753133-47-0	753133-48-1	753133-49-2	753133-50-5
	753133-51-6	753133-52-7	753133-53-8	753133-54-9	753133-55-0
	753133-56-1	753133-57-2	753133-58-3	753133-59-4	753133-60-7
	753133-61-8	753133-62-9	753133-63-0	753133-64-1	753133-65-2
	753133-66-3	753133-67-4	753133-68-5	753133-69-6	753133-70-9
	753133-71-0	753133-72-1	753133-73-2	753133-74-3	753133-75-4
	753133-76-5	753133-77-6	753133-78-7	753133-79-8	753133-80-1

RL: BSU (Biological study, unclassified); BUU (Biological use,
unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and
their uses improvement of transgenic plants)

IT	753133-81-2	753133-82-3	753133-83-4	753133-84-5	753133-85-6
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	753134-36-0	753134-37-1	753134-38-2	753134-39-3	753134-40-6
	753134-41-7	753134-42-8	753134-43-9	753134-44-0	753134-45-1

753134-46-2	753134-47-3	753134-48-4	753134-49-5	753134-50-8
753134-51-9	753134-52-0	753134-53-1	753134-54-2	753134-55-3
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753136-15-1				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

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753138-46-4	753138-47-5	753138-48-6	753138-49-7	753138-50-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753138-51-1	753138-52-2	753138-53-3	753138-54-4	753138-55-5
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	753138-96-4	753138-97-5	753138-98-6	753138-99-7	753139-00-3
	753139-01-4	753139-02-5	753139-03-6	753139-04-7	753139-05-8
	753139-06-9	753139-07-0	753139-08-1	753139-09-2	753139-10-5
	753139-11-6	753139-12-7	753139-13-8	753139-14-9	753139-15-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 9005-53-2P, Lignin, preparation 11078-30-1P, Galactomannan

RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)

(improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved use and/or uptake of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 753131-23-6 753131-28-1 753136-06-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

RN 753131-23-6 HCAPLUS

CN Protein (sorghum clone 7217622.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 YTLVCIYFGG CFIHGHLTI GIFSYPIRFW SKGTKRAFFP PHEGFLGSKG
 51 AWIK

RN 753131-28-1 HCAPLUS

CN Protein (sorghum clone 7217719.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 TRQPSALNSF QEHSLOQSSVN TLRAVIAAAA QPTAGKIADV FGRVELICVS
51 VFFYTIGTVI EAVAQNLDY SAGAVIYQIG YTMILLLEVEV IIGDITSVRS
101 RLFFSYIPAL PFIINTWVSG DVAEAVLGAT TWRWGIGMWC IIYPVCSLPL
151 IISLLVVGHR A

RN 753136-06-0 HCAPLUS

CN Protein (sorghum clone 7535569.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 TRLRSISLSS SFAWDPOCLI PPRNGRSSGC QNPSYLYACY KLVTCLLPPL
51 IWFYCFSGSL ISACFLSFLV YDCSGTKKGS FSMFKTTCV

L12 ANSWER 8 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:770972 HCAPLUS

DN 141:255539

ED Entered STN: 22 Sep 2004

TI Sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants

IN Kovalic, David K.; Zhou, Yihua; Cao, Yongwei

PA USA

SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 850,147, abandoned.

CODEN: USXXCO

DT Patent

LA English

IC A01H001-00; C12N015-82; C07H021-04; C12N009-24

INCL 800284000; 435200000; 536023200; 435468000

CC 3-3 (Biochemical Genetics)

Section cross-reference(s): 6, 11

FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
PRAI	US 2000-684016	A2	20001010	<--	
	US 2001-850147	B2	20010508		
	US 2004-767701	A	20040129		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004172684	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24
	INCL	800284000; 435200000; 536023200; 435468000
US 2004172684	NCL	800/284.000 <--
US 2004172684	NCL	800/284.000
	ECLA	C07K014/415; C12N015/82 <--

AB Nucleotide sequences are provided for 31,563 nucleic acids in a cDNA library from sorghum tissue. The open reading frame in each recombinant polynucleotide sequence is identified by a combination of predictive and homol. based methods. Functions of polypeptides encoded by the polynucleotide sequences are determined using a hierarchical classification tool, termed FunCAT, for Functional Categories Annotation Tool. Functional assignments from five public classification schemes, GO_BP, GO_CC, GO_MF, KEGG, and EC, and one internal Monsanto classification scheme, POI, are also provided. The disclosed recombinant polynucleotides and recombinant polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of 13 records for this document necessitated by the large number of index

entries required to fully index the document and publication system constraints.]

ST sorghum cDNA protein sequence plant transformation

IT Stress, plant
(cold, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Cell cycle
(growth rate control by modification of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
(heat, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Recombination, genetic
(homologous, increased rate of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Growth regulators, plant
RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
(improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Pathogen
(improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Carbohydrates, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(improved use and/or uptake of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Disease resistance, plant
Growth and development, plant
Herbicide resistance
(improvement of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Fats and Glyceridic oils, preparation
Proteins
RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
(modification of yield and/or content of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
(osmotic, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Transcription factors
RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
(plant improvement by; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Embryophyta
Protein sequences
Sorghum bicolor
Transformation, genetic
cDNA sequences
(sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
(water deficiency, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Photosynthesis, biological
(yield improvement by modification of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
(yield improvement in; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 753001-41-1 753001-42-2 753001-43-3 753001-44-4 753001-45-5
753001-46-6 753001-47-7 753001-48-8 753001-49-9 753001-50-2
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753041-58-6	753041-59-7	753041-60-0	753041-61-1	753041-62-2
753041-63-3	753041-64-4	753041-65-5	753041-66-6	753041-67-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753041-68-8	753041-69-9	753041-70-2	753041-71-3	753041-72-4
	753041-73-5	753041-74-6	753041-75-7	753041-76-8	753041-77-9
	753041-78-0	753041-79-1	753041-80-4	753041-81-5	753041-82-6
	753041-83-7	753041-84-8	753041-85-9	753041-86-0	753041-87-1
	753041-88-2	753041-89-3	753041-90-6	753041-91-7	753041-92-8
	753041-93-9	753041-94-0	753041-95-1	753041-96-2	753041-97-3
	753041-98-4	753041-99-5	753042-00-1	753042-01-2	753042-02-3
	753042-03-4	753042-04-5	753042-05-6	753042-06-7	753042-07-8
	753042-08-9	753042-09-0	753042-10-3	753042-11-4	753042-12-5
	753042-13-6	753042-14-7	753042-15-8	753042-16-9	753042-17-0
	753042-18-1	753042-19-2	753042-20-5	753042-21-6	753042-22-7
	753042-23-8	753042-24-9	753042-25-0	753042-26-1	753042-27-2
	753042-28-3	753042-29-4	753042-30-7	753042-31-8	753042-32-9
	753042-33-0	753042-34-1	753042-35-2	753042-36-3	753042-37-4
	753042-38-5	753042-39-6	753042-40-9	753042-41-0	753042-42-1
	753042-43-2	753042-44-3	753042-45-4	753042-46-5	753042-47-6
	753042-48-7	753042-49-8	753042-50-1	753042-51-2	753042-52-3
	753042-53-4	753042-54-5	753042-55-6	753042-56-7	753042-57-8
	753042-58-9	753042-59-0	753042-60-3	753042-61-4	753042-62-5

753042-63-6	753042-64-7	753042-65-8	753042-66-9	753042-67-0
753042-68-1	753042-69-2	753042-70-5	753042-71-6	753042-72-7
753042-73-8	753042-74-9	753042-75-0	753042-76-1	753042-77-2
753042-78-3	753042-79-4	753042-80-7	753042-81-8	753042-82-9
753042-83-0	753042-84-1	753042-85-2	753042-86-3	753042-87-4
753042-88-5	753042-89-6	753042-90-9	753042-91-0	753042-92-1
753042-93-2	753042-94-3	753042-95-4	753042-96-5	753042-97-6
753042-98-7	753042-99-8	753043-00-4	753043-01-5	753043-02-6
753043-03-7	753043-04-8	753043-05-9	753043-06-0	753043-07-1
753043-08-2	753043-09-3	753043-10-6	753043-11-7	753043-12-8
753043-13-9	753043-14-0	753043-15-1	753043-16-2	753043-17-3
753043-18-4	753043-19-5	753043-20-8	753043-21-9	753043-22-0
753043-23-1	753043-24-2	753043-25-3	753043-26-4	753043-27-5
753043-28-6	753043-29-7	753043-30-0	753043-31-1	753043-32-2
753043-33-3	753043-34-4	753043-35-5	753043-36-6	753043-37-7
753043-38-8	753043-39-9	753043-40-2	753043-41-3	753043-42-4
753043-43-5	753043-44-6	753043-45-7	753043-46-8	753043-47-9
753043-48-0	753043-49-1	753043-50-4	753043-51-5	753043-52-6
753043-53-7	753043-54-8	753043-55-9	753043-56-0	753043-57-1
753043-58-2	753043-59-3	753043-60-6	753043-61-7	753043-62-8
753043-63-9	753043-64-0	753043-65-1	753043-66-2	753043-67-3
753043-68-4	753043-69-5	753043-70-8	753043-71-9	753043-72-0
753043-73-1	753043-74-2	753043-75-3	753043-76-4	753043-77-5
753043-78-6	753043-79-7	753043-80-0	753043-81-1	753043-82-2
753043-83-3	753043-84-4	753043-85-5	753043-86-6	753043-87-7
753043-88-8	753043-89-9	753043-90-2	753043-91-3	753043-92-4
753043-93-5	753043-94-6	753043-95-7	753043-96-8	753043-97-9
753043-98-0	753043-99-1	753044-00-7	753044-01-8	753044-02-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753044-03-0	753044-04-1	753044-05-2	753044-06-3	753044-07-4
	753044-08-5	753044-09-6	753044-10-9	753044-11-0	753044-12-1
	753044-13-2	753044-14-3	753044-15-4	753044-16-5	753044-17-6
	753044-18-7	753044-19-8	753044-20-1	753044-21-2	753044-22-3
	753044-23-4	753044-24-5	753044-25-6	753044-26-7	753044-27-8
	753044-28-9	753044-29-0	753044-30-3	753044-31-4	753044-32-5
	753044-33-6	753044-34-7	753044-35-8	753044-36-9	753044-37-0
	753044-38-1	753044-39-2	753044-40-5	753044-41-6	753044-42-7
	753044-43-8	753044-44-9	753044-45-0	753044-46-1	753044-47-2
	753044-48-3	753044-49-4	753044-50-7	753044-51-8	753044-52-9
	753044-53-0	753044-54-1	753044-55-2	753044-56-3	753044-57-4
	753044-58-5	753044-59-6	753044-60-9	753044-61-0	753044-62-1
	753044-63-2	753044-64-3	753044-65-4	753044-66-5	753044-67-6
	753044-68-7	753044-69-8	753044-70-1	753044-71-2	753044-72-3
	753044-73-4	753044-74-5	753044-75-6	753044-76-7	753044-77-8
	753044-78-9	753044-79-0	753044-80-3	753044-81-4	753044-82-5
	753044-83-6	753044-84-7	753044-85-8	753044-86-9	753044-87-0
	753044-88-1	753044-89-2	753044-90-5	753044-91-6	753044-92-7
	753044-93-8	753044-94-9	753044-95-0	753044-96-1	753044-97-2
	753044-98-3	753044-99-4	753045-00-0	753045-01-1	753045-02-2
	753045-03-3	753045-04-4	753045-05-5	753045-06-6	753045-07-7
	753045-08-8	753045-09-9	753045-10-2	753045-11-3	753045-12-4
	753045-13-5	753045-14-6	753045-15-7	753045-16-8	753045-17-9
	753045-18-0	753045-19-1	753045-20-4	753045-21-5	753045-22-6
	753045-23-7	753045-24-8	753045-25-9	753045-26-0	753045-27-1
	753045-28-2	753045-29-3	753045-30-6	753045-31-7	753045-32-8
	753045-33-9	753045-34-0	753045-35-1	753045-36-2	753045-37-3
	753045-38-4	753045-39-5	753045-40-8	753045-41-9	753045-42-0
	753045-43-1	753045-44-2	753045-45-3	753045-46-4	753045-47-5
	753045-48-6	753045-49-7	753045-50-0	753045-51-1	753045-52-2
	753045-53-3	753045-54-4	753045-55-5	753045-56-6	753045-57-7
	753045-58-8	753045-59-9	753045-60-2	753045-61-3	753045-62-4
	753045-63-5	753045-64-6	753045-65-7	753045-66-8	753045-67-9
	753045-68-0	753045-69-1	753045-70-4	753045-71-5	753045-72-6

753045-73-7	753045-74-8	753045-75-9	753045-76-0	753045-77-1
753045-78-2	753045-79-3	753045-80-6	753045-81-7	753045-82-8
753045-83-9	753045-84-0	753045-85-1	753045-86-2	753045-87-3
753045-88-4	753045-89-5	753045-90-8	753045-91-9	753045-92-0
753045-93-1	753045-94-2	753045-95-3	753045-96-4	753045-97-5
753045-98-6	753045-99-7	753046-00-3	753046-01-4	753046-02-5
753046-03-6	753046-04-7	753046-05-8	753046-06-9	753046-07-0
753046-08-1	753046-09-2	753046-10-5	753046-11-6	753046-12-7
753046-13-8	753046-14-9	753046-15-0	753046-16-1	753046-17-2
753046-18-3	753046-19-4	753046-20-7	753046-21-8	753046-22-9
753046-23-0	753046-24-1	753046-25-2	753046-26-3	753046-27-4
753046-28-5	753046-29-6	753046-30-9	753046-31-0	753046-32-1
753046-33-2	753046-34-3	753046-35-4	753046-36-5	753046-37-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753046-38-7	753046-39-8	753046-40-1	753046-41-2	753046-42-3
	753046-43-4	753046-44-5	753046-45-6	753046-46-7	753046-47-8
	753046-48-9	753046-49-0	753046-50-3	753046-51-4	753046-52-5
	753046-53-6	753046-54-7	753046-55-8	753046-56-9	753046-57-0
	753046-58-1	753046-59-2	753046-60-5	753046-61-6	753046-62-7
	753046-63-8	753046-64-9	753046-65-0	753046-66-1	753046-67-2
	753046-68-3	753046-69-4	753046-70-7	753046-71-8	753046-72-9
	753046-73-0	753046-74-1	753046-75-2	753046-76-3	753046-77-4
	753046-78-5	753046-79-6	753046-80-9	753046-81-0	753046-82-1
	753046-83-2	753046-84-3	753046-85-4	753046-86-5	753046-87-6
	753046-88-7	753046-89-8	753046-90-1	753046-91-2	753046-92-3
	753046-93-4	753046-94-5	753046-95-6	753046-96-7	753046-97-8
	753046-98-9	753046-99-0	753047-00-6	753047-01-7	753047-02-8
	753047-03-9	753047-04-0	753047-05-1	753047-06-2	753047-07-3
	753047-08-4	753047-09-5	753047-10-8	753047-11-9	753047-12-0
	753047-13-1	753047-14-2	753047-15-3	753047-16-4	753047-17-5
	753047-18-6	753047-19-7	753047-20-0	753047-21-1	753047-22-2
	753047-23-3	753047-24-4	753047-25-5	753047-26-6	753047-27-7
	753047-28-8	753047-29-9	753047-30-2	753047-31-3	753047-32-4
	753047-33-5	753047-34-6	753047-35-7	753047-36-8	753047-37-9
	753047-38-0	753047-39-1	753047-40-4	753047-41-5	753047-42-6
	753047-43-7	753047-44-8	753047-45-9	753047-46-0	753047-47-1
	753047-48-2	753047-49-3	753047-50-6	753047-51-7	753047-52-8
	753047-53-9	753047-54-0	753047-55-1	753047-56-2	753047-57-3
	753047-58-4	753047-59-5	753047-60-8	753047-61-9	753047-62-0
	753047-63-1	753047-64-2	753047-65-3	753047-66-4	753047-67-5
	753047-68-6	753047-69-7	753047-70-0	753047-71-1	753047-72-2
	753047-73-3	753047-74-4	753047-75-5	753047-76-6	753047-77-7
	753047-78-8	753047-79-9	753047-80-2	753047-81-3	753047-82-4
	753047-83-5	753047-84-6	753047-85-7	753047-86-8	753047-87-9
	753047-88-0	753047-89-1	753047-90-4	753047-91-5	753047-92-6
	753047-93-7	753047-94-8	753047-95-9	753047-96-0	753047-97-1
	753047-98-2	753047-99-3	753048-00-9	753048-01-0	753048-02-1
	753048-03-2	753048-04-3	753048-05-4	753048-06-5	753048-07-6
	753048-08-7	753048-09-8	753048-10-1	753048-11-2	753048-12-3
	753048-13-4	753048-14-5	753048-15-6	753048-16-7	753048-17-8
	753048-18-9	753048-19-0	753048-20-3	753048-21-4	753048-22-5
	753048-23-6	753048-24-7	753048-25-8	753048-26-9	753048-27-0
	753048-28-1	753048-29-2	753048-30-5	753048-31-6	753048-32-7
	753048-33-8	753048-34-9	753048-35-0	753048-36-1	753048-37-2
	753048-38-3	753048-39-4	753048-40-7	753048-41-8	753048-42-9
	753048-43-0	753048-44-1	753048-45-2	753048-46-3	753048-47-4
	753048-48-5	753048-49-6	753048-50-9	753048-51-0	753048-52-1
	753048-53-2	753048-54-3	753048-55-4	753048-56-5	753048-57-6
	753048-58-7	753048-59-8	753048-60-1	753048-61-2	753048-62-3
	753048-63-4	753048-64-5	753048-65-6	753048-66-7	753048-67-8
	753048-68-9	753048-69-0	753048-70-3	753048-71-4	753048-72-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(amino acid sequence; sorghum nucleic acids and encoded proteins and
their uses improvement of transgenic plants)

IT	753048-73-6	753048-74-7	753048-75-8	753048-76-9	753048-77-0
	753048-78-1	753048-79-2	753048-80-5	753048-81-6	753048-82-7
	753048-83-8	753048-84-9	753048-85-0	753048-86-1	753048-87-2
	753048-88-3	753048-89-4	753048-90-7	753048-91-8	753048-92-9
	753048-93-0	753048-94-1	753048-95-2	753048-96-3	753048-97-4
	753048-98-5	753048-99-6	753049-00-2	753049-01-3	753049-02-4
	753049-03-5	753049-04-6	753049-05-7	753049-06-8	753049-07-9
	753049-08-0	753049-09-1	753049-10-4	753049-11-5	753049-12-6
	753049-13-7	753049-14-8	753049-15-9	753049-16-0	753049-17-1
	753049-18-2	753049-19-3	753049-20-6	753049-21-7	753049-22-8
	753049-23-9	753049-24-0	753049-25-1	753049-26-2	753049-27-3
	753049-28-4	753049-29-5	753049-30-8	753049-31-9	753049-32-0
	753049-33-1	753049-34-2	753049-35-3	753049-36-4	753049-37-5
	753049-38-6	753049-39-7	753049-40-0	753049-41-1	753049-42-2
	753049-43-3	753049-44-4	753049-45-5	753049-46-6	753049-47-7
	753049-48-8	753049-49-9	753049-50-2	753049-51-3	753049-52-4
	753049-53-5	753049-54-6	753049-55-7	753049-56-8	753049-57-9
	753049-58-0	753049-59-1	753049-60-4	753049-61-5	753049-62-6
	753049-63-7	753049-64-8	753049-65-9	753049-66-0	753049-67-1
	753049-68-2	753049-69-3	753049-70-6	753049-71-7	753049-72-8
	753049-73-9	753049-74-0	753049-75-1	753049-76-2	753049-77-3
	753049-78-4	753049-79-5	753049-80-8	753049-81-9	753049-82-0
	753049-83-1	753049-84-2	753049-85-3	753049-86-4	753049-87-5
	753049-88-6	753049-89-7	753049-90-0	753049-91-1	753049-92-2
	753049-93-3	753049-94-4	753049-95-5	753049-96-6	753049-97-7
	753049-98-8	753049-99-9	753050-00-9	753050-01-0	753050-02-1
	753050-03-2	753050-04-3	753050-05-4	753050-06-5	753050-07-6
	753050-08-7	753050-09-8	753050-10-1	753050-11-2	753050-12-3
	753050-13-4	753050-14-5	753050-15-6	753050-16-7	753050-17-8
	753050-18-9	753050-19-0	753050-20-3	753050-21-4	753050-22-5
	753050-23-6	753050-24-7	753050-25-8	753050-26-9	753050-27-0
	753050-28-1	753050-29-2	753050-30-5	753050-31-6	753050-32-7
	753050-33-8	753050-34-9	753050-35-0	753050-36-1	753050-37-2
	753050-38-3	753050-39-4	753050-40-7	753050-41-8	753050-42-9
	753050-43-0	753050-44-1	753050-45-2	753050-46-3	753050-47-4
	753050-48-5	753050-49-6	753050-50-9	753050-51-0	753050-52-1
	753050-53-2	753050-54-3	753050-55-4	753050-56-5	753050-57-6
	753050-58-7	753050-59-8	753050-60-1	753050-61-2	753050-62-3
	753050-63-4	753050-64-5	753050-65-6	753050-66-7	753050-67-8
	753050-68-9	753050-69-0	753050-70-3	753050-71-4	753050-72-5
	753050-73-6	753050-74-7	753050-75-8	753050-76-9	753050-77-0
	753050-78-1	753050-79-2	753050-80-5	753050-81-6	753050-82-7
	753050-83-8	753050-84-9	753050-85-0	753050-86-1	753050-87-2
	753050-88-3	753050-89-4	753050-90-7	753050-91-8	753050-92-9
	753050-93-0	753050-94-1	753050-95-2	753050-96-3	753050-97-4
	753050-98-5	753050-99-6	753051-00-2	753051-01-3	753051-02-4
	753051-03-5	753051-04-6	753051-05-7	753051-06-8	753051-07-9

RL: BSU (Biological study, unclassified); BUU (Biological use,
unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and
their uses improvement of transgenic plants)

IT	753051-08-0	753051-09-1	753051-10-4	753051-11-5	753051-12-6
	753051-13-7	753051-14-8	753051-15-9	753051-16-0	753051-17-1
	753051-18-2	753051-19-3	753051-20-6	753051-21-7	753051-22-8
	753051-23-9	753051-24-0	753051-25-1	753051-26-2	753051-27-3
	753051-28-4	753051-29-5	753051-30-8	753051-31-9	753051-32-0
	753051-33-1	753051-34-2	753051-35-3	753051-36-4	753051-37-5
	753051-38-6	753051-39-7	753051-40-0	753051-41-1	753051-42-2
	753051-43-3	753051-44-4	753051-45-5	753051-46-6	753051-47-7
	753051-48-8	753051-49-9	753051-50-2	753051-51-3	753051-52-4
	753051-53-5	753051-54-6	753051-55-7	753051-56-8	753051-57-9
	753051-58-0	753051-59-1	753051-60-4	753051-61-5	753051-62-6
	753051-63-7	753051-64-8	753051-65-9	753051-66-0	753051-67-1
	753051-68-2	753051-69-3	753051-70-6	753051-71-7	753051-72-8

753051-73-9	753051-74-0	753051-75-1	753051-76-2	753051-77-3
753051-78-4	753051-79-5	753051-80-8	753051-81-9	753051-82-0
753051-83-1	753051-84-2	753051-85-3	753051-86-4	753051-87-5
753051-88-6	753051-89-7	753051-90-0	753051-91-1	753051-92-2
753051-93-3	753051-94-4	753051-95-5	753051-96-6	753051-97-7
753051-98-8	753051-99-9	753052-00-5	753052-01-6	753052-02-7
753052-03-8	753052-04-9	753052-05-0	753052-06-1	753052-07-2
753052-08-3	753052-09-4	753052-10-7	753052-11-8	753052-12-9
753052-13-0	753052-14-1	753052-15-2	753052-16-3	753052-17-4
753052-18-5	753052-19-6	753052-20-9	753052-21-0	753052-22-1
753052-23-2	753052-24-3	753052-25-4	753052-26-5	753052-27-6
753052-28-7	753052-29-8	753052-30-1	753052-31-2	753052-32-3
753052-33-4	753052-34-5	753052-35-6	753052-36-7	753052-37-8
753052-38-9	753052-39-0	753052-40-3	753052-41-4	753052-42-5
753052-43-6	753052-44-7	753052-45-8	753052-46-9	753052-47-0
753052-48-1	753052-49-2	753052-50-5	753052-51-6	753052-52-7
753052-53-8	753052-54-9	753052-55-0	753052-56-1	753052-57-2
753052-58-3	753052-59-4	753052-60-7	753052-61-8	753052-62-9
753052-63-0	753052-64-1	753052-65-2	753052-66-3	753052-67-4
753052-68-5	753052-69-6	753052-70-9	753052-71-0	753052-72-1
753052-73-2	753052-74-3	753052-75-4	753052-76-5	753052-77-6
753052-78-7	753052-79-8	753052-80-1	753052-81-2	753052-82-3
753052-83-4	753052-84-5	753052-85-6	753052-86-7	753052-87-8
753052-88-9	753052-89-0	753052-90-3	753052-91-4	753052-92-5
753052-93-6	753052-94-7	753052-95-8	753052-96-9	753052-97-0
753052-98-1	753052-99-2	753053-00-8	753053-01-9	753053-02-0
753053-03-1	753053-04-2	753053-05-3	753053-06-4	753053-07-5
753053-08-6	753053-09-7	753053-10-0	753053-11-1	753053-12-2
753053-13-3	753053-14-4	753053-15-5	753053-16-6	753053-17-7
753053-18-8	753053-19-9	753053-20-2	753053-21-3	753053-22-4
753053-23-5	753053-24-6	753053-25-7	753053-26-8	753053-27-9
753053-28-0	753053-29-1	753053-30-4	753053-31-5	753053-32-6
753053-33-7	753053-34-8	753053-35-9	753053-36-0	753053-37-1
753053-38-2	753053-39-3	753053-40-6	753053-41-7	753053-42-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 753053-43-9	753053-44-0	753053-45-1	753053-46-2	753053-47-3
753053-48-4	753053-49-5	753053-50-8	753053-51-9	753053-52-0
753053-53-1	753053-54-2	753053-55-3	753053-56-4	753053-57-5
753053-58-6	753053-59-7	753053-60-0	753053-61-1	753053-62-2
753053-63-3	753053-64-4	753053-65-5	753053-66-6	753053-67-7
753053-68-8	753053-69-9	753053-70-2	753053-71-3	753053-72-4
753053-73-5	753053-74-6	753053-75-7	753053-76-8	753053-77-9
753053-78-0	753053-79-1	753053-80-4	753053-81-5	753053-82-6
753053-83-7	753053-84-8	753053-85-9	753053-86-0	753053-87-1
753053-88-2	753053-89-3	753053-90-6	753053-91-7	753053-92-8
753053-93-9	753053-94-0	753053-95-1	753053-96-2	753053-97-3
753053-98-4	753053-99-5	753054-00-1	753054-01-2	753054-02-3
753054-03-4	753054-04-5	753054-05-6	753054-06-7	753054-07-8
753054-08-9	753054-09-0	753054-10-3	753054-11-4	753054-12-5
753054-13-6	753054-14-7	753054-15-8	753054-16-9	753054-17-0
753054-18-1	753054-19-2	753054-20-5	753054-21-6	753054-22-7
753054-23-8	753054-24-9	753054-25-0	753054-26-1	753054-27-2
753054-28-3	753054-29-4	753054-30-7	753054-31-8	753054-32-9
753054-33-0	753054-34-1	753054-35-2	753054-36-3	753054-37-4
753054-38-5	753054-39-6	753054-40-9	753054-41-0	753054-42-1
753054-43-2	753054-44-3	753054-45-4	753054-46-5	753054-47-6
753054-48-7	753054-49-8	753054-50-1	753054-51-2	753054-52-3
753054-53-4	753054-54-5	753054-55-6	753054-56-7	753054-57-8
753054-58-9	753054-59-0	753054-60-3	753054-61-4	753054-62-5
753054-63-6	753054-64-7	753054-65-8	753054-66-9	753054-67-0
753054-68-1	753054-69-2	753054-70-5	753054-71-6	753054-72-7
753054-73-8	753054-74-9	753054-75-0	753054-76-1	753054-77-2
753054-78-3	753054-79-4	753054-80-7	753054-81-8	753054-82-9

753054-83-0	753054-84-1	753054-85-2	753054-86-3	753054-87-4
753054-88-5	753054-89-6	753054-90-9	753054-91-0	753054-92-1
753054-93-2	753054-94-3	753054-95-4	753054-96-5	753054-97-6
753054-98-7	753054-99-8	753055-00-4	753055-01-5	753055-02-6
753055-03-7	753055-04-8	753055-05-9	753055-06-0	753055-07-1
753055-08-2	753055-09-3	753055-10-6	753055-11-7	753055-12-8
753055-13-9	753055-14-0	753055-15-1	753055-16-2	753055-17-3
753055-18-4	753055-19-5	753055-20-8	753055-21-9	753055-22-0
753055-23-1	753055-24-2	753055-25-3	753055-26-4	753055-27-5
753055-28-6	753055-29-7	753055-30-0	753055-31-1	753055-32-2
753055-33-3	753055-34-4	753055-35-5	753055-36-6	753055-37-7
753055-38-8	753055-39-9	753055-40-2	753055-41-3	753055-42-4
753055-43-5	753055-44-6	753055-45-7	753055-46-8	753055-47-9
753055-48-0	753055-49-1	753055-50-4	753055-51-5	753055-52-6
753055-53-7	753055-54-8	753055-55-9	753055-56-0	753055-57-1
753055-58-2	753055-59-3	753055-60-6	753055-61-7	753055-62-8
753055-63-9	753055-64-0	753055-65-1	753055-66-2	753055-67-3
753055-68-4	753055-69-5	753055-70-8	753055-71-9	753055-72-0
753055-73-1	753055-74-2	753055-75-3	753055-76-4	753055-77-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753055-78-6	753055-79-7	753055-80-0	753055-81-1	753055-82-2
	753055-83-3	753055-84-4	753055-85-5	753055-86-6	753055-87-7
	753055-88-8	753055-89-9	753055-90-2	753055-91-3	753055-92-4
	753055-93-5	753055-94-6	753055-95-7	753055-96-8	753055-97-9
	753055-98-0	753055-99-1	753056-00-7	753056-01-8	753056-02-9
	753056-03-0	753056-04-1	753056-05-2	753056-06-3	753056-07-4
	753056-08-5	753056-09-6	753056-10-9	753056-11-0	753056-12-1
	753056-13-2	753056-14-3	753056-15-4	753056-16-5	753056-17-6
	753056-18-7	753056-19-8	753056-20-1	753056-21-2	753056-22-3
	753056-23-4	753056-24-5	753056-25-6	753056-26-7	753056-27-8
	753056-28-9	753056-29-0	753056-30-3	753056-31-4	753056-32-5
	753056-33-6	753056-34-7	753056-35-8	753056-36-9	753056-37-0
	753056-38-1	753056-39-2	753056-40-5	753056-41-6	753056-42-7
	753056-43-8	753056-44-9	753056-45-0	753056-46-1	753056-47-2
	753056-48-3	753056-49-4	753056-50-7	753056-51-8	753056-52-9
	753056-53-0	753056-54-1	753056-55-2	753056-56-3	753056-57-4
	753056-58-5	753056-59-6	753056-60-9	753056-61-0	753056-62-1
	753056-63-2	753056-64-3	753056-65-4	753056-66-5	753056-67-6
	753056-68-7	753056-69-8	753056-70-1	753056-71-2	753056-72-3
	753056-73-4	753056-74-5	753056-75-6	753056-76-7	753056-77-8
	753056-78-9	753056-79-0	753056-80-3	753056-81-4	753056-82-5
	753056-83-6	753056-84-7	753056-85-8	753056-86-9	753056-87-0
	753056-88-1	753056-89-2	753056-90-5	753056-91-6	753056-92-7
	753056-93-8	753056-94-9	753056-95-0	753056-96-1	753056-97-2
	753056-98-3	753056-99-4	753057-00-0	753057-01-1	753057-02-2
	753057-03-3	753057-04-4	753057-05-5	753057-06-6	753057-07-7
	753057-08-8	753057-09-9	753057-10-2	753057-11-3	753057-12-4
	753057-13-5	753057-14-6	753057-15-7	753057-16-8	753057-17-9
	753057-18-0	753057-19-1	753057-20-4	753057-21-5	753057-22-6
	753057-23-7	753057-24-8	753057-25-9	753057-26-0	753057-27-1
	753057-28-2	753057-29-3	753057-30-6	753057-31-7	753057-32-8
	753057-33-9	753057-34-0	753057-35-1	753057-36-2	753057-37-3
	753057-38-4	753057-39-5	753057-40-8	753057-41-9	753057-42-0
	753057-43-1	753057-44-2	753057-45-3	753057-46-4	753057-47-5
	753057-48-6	753057-49-7	753057-50-0	753057-51-1	753057-52-2
	753057-53-3	753057-54-4	753057-55-5	753057-56-6	753057-57-7
	753057-58-8	753057-59-9	753057-60-2	753057-61-3	753057-62-4
	753057-63-5	753057-64-6	753057-65-7	753057-66-8	753057-67-9
	753057-68-0	753057-69-1	753057-70-4	753057-71-5	753057-72-6
	753057-73-7	753057-74-8	753057-75-9	753057-76-0	753057-77-1
	753057-78-2	753057-79-3	753057-80-6	753057-81-7	753057-82-8
	753057-83-9	753057-84-0	753057-85-1	753057-86-2	753057-87-3
	753057-88-4	753057-89-5	753057-90-8	753057-91-9	753057-92-0

753057-93-1 753057-94-2 753057-95-3 753057-96-4 753057-97-5
 753057-98-6 753057-99-7 753058-00-3 753058-01-4 753058-02-5
 753058-03-6 753058-04-7 753058-05-8 753058-06-9 753058-07-0
 753058-08-1 753058-09-2 753058-10-5 753058-11-6 753058-12-7
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT 753058-13-8 753058-14-9 753058-15-0 753058-16-1 753058-17-2
 753058-18-3 753058-19-4 753058-20-7 753058-21-8 753058-22-9
 753058-23-0 753058-24-1 753058-25-2 753058-26-3 753058-27-4
 753058-28-5 753058-29-6 753058-30-9 753058-31-0 753058-32-1
 753058-33-2 753058-34-3 753058-35-4 753058-36-5 753058-37-6
 753058-38-7 753058-39-8 753058-40-1 753058-41-2 753058-42-3
 753058-43-4 753058-44-5 753058-45-6 753058-46-7 753058-47-8
 753058-48-9 753058-49-0 753058-50-3 753058-51-4 753058-52-5
 753058-53-6 753058-54-7 753058-55-8 753058-56-9 753058-57-0
 753058-58-1 753058-59-2 753058-60-5 753058-61-6 753058-62-7
 753058-63-8 753058-64-9 753058-65-0 753058-66-1 753058-67-2
 753058-68-3 753058-69-4 753058-70-7 753058-71-8 753058-72-9
 753058-73-0 753058-74-1 753058-75-2 753058-76-3 753058-77-4
 753058-78-5 753058-79-6 753058-80-9 753058-81-0 753058-82-1
 753058-83-2 753058-84-3 753058-85-4 753058-86-5 753058-87-6
 753058-88-7 753058-89-8 753058-90-1 753058-91-2 753058-92-3
 753058-93-4 753058-94-5 753058-95-6 753058-96-7 753058-97-8
 753058-98-9 753058-99-0 753059-00-6 753059-01-7 753059-02-8
 753059-03-9 753059-04-0 753059-05-1 753059-06-2 753059-07-3
 753059-08-4 753059-09-5 753059-10-8 753059-11-9 753059-12-0
 753059-13-1 753059-14-2 753059-15-3 753059-16-4 753059-17-5
 753059-18-6 753059-19-7 753059-20-0 753059-21-1 753059-22-2
 753059-23-3 753059-24-4 753059-25-5 753059-26-6 753059-27-7
 753059-28-8 753059-29-9 753059-30-2 753059-31-3 753059-32-4
 753059-33-5 753059-34-6 753059-35-7 753059-36-8 753059-37-9
 753059-38-0 753059-39-1 753059-40-4 753059-41-5 753059-42-6
 753059-43-7 753059-44-8 753059-45-9 753059-46-0 753059-47-1
 753059-48-2 753059-49-3 753059-50-6 753059-51-7 753059-52-8
 753059-53-9 753059-54-0 753059-55-1 753059-56-2 753059-57-3
 753059-58-4 753059-59-5 753059-60-8 753059-61-9 753059-62-0
 753059-63-1 753059-64-2 753059-65-3 753059-66-4 753059-67-5
 753059-68-6 753059-69-7 753059-70-0 753059-71-1 753059-72-2
 753059-73-3 753059-74-4 753059-75-5 753059-76-6 753059-77-7
 753059-78-8 753059-79-9 753059-80-2 753059-81-3 753059-82-4
 753059-83-5 753059-84-6 753059-85-7 753059-86-8 753059-87-9
 753059-88-0 753059-89-1 753059-90-4 753059-91-5 753059-92-6
 753059-93-7 753059-94-8 753059-95-9 753059-96-0 753059-97-1
 753059-98-2 753059-99-3 753060-00-3 753060-01-4 753060-02-5
 753060-03-6 753060-04-7 753060-05-8 753060-06-9 753060-07-0
 753060-08-1 753060-09-2 753060-10-5 753060-11-6 753060-12-7
 753060-13-8 753060-14-9 753060-15-0 753060-16-1 753060-17-2
 753060-18-3 753060-19-4 753060-20-7 753060-21-8 753060-22-9
 753060-23-0 753060-24-1 753060-25-2 753060-26-3 753060-27-4
 753060-28-5 753060-29-6 753060-30-9 753060-31-0 753060-32-1
 753060-33-2 753060-34-3 753060-35-4 753060-36-5 753060-37-6
 753060-38-7 753060-39-8 753060-40-1 753060-41-2 753060-42-3
 753060-43-4 753060-44-5 753060-45-6 753060-46-7 753060-47-8

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT 753060-48-9 753060-49-0 753060-50-3 753060-51-4 753060-52-5
 753060-53-6 753060-54-7 753060-55-8 753060-56-9 753060-57-0
 753060-58-1 753060-59-2 753060-60-5 753060-61-6 753060-62-7
 753060-63-8 753060-64-9 753060-65-0 753060-66-1 753060-67-2
 753060-68-3 753060-69-4 753060-70-7 753060-71-8 753060-72-9
 753060-73-0 753060-74-1 753060-75-2 753060-76-3 753060-77-4
 753060-78-5 753060-79-6 753060-80-9 753060-81-0 753060-82-1

753060-83-2	753060-84-3	753060-85-4	753060-86-5	753060-87-6
753060-88-7	753060-89-8	753060-90-1	753060-91-2	753060-92-3
753060-93-4	753060-94-5	753060-95-6	753060-96-7	753060-97-8
753060-98-9	753060-99-0	753061-00-6	753061-01-7	753061-02-8
753061-03-9	753061-04-0	753061-05-1	753061-06-2	753061-07-3
753061-08-4	753061-09-5	753061-10-8	753061-11-9	753061-12-0
753061-13-1	753061-14-2	753061-15-3	753061-16-4	753061-17-5
753061-18-6	753061-19-7	753061-20-0	753061-21-1	753061-22-2
753061-23-3	753061-24-4	753061-25-5	753061-26-6	753061-27-7
753061-28-8	753061-29-9	753061-30-2	753061-31-3	753061-32-4
753061-33-5	753061-34-6	753061-35-7	753061-36-8	753061-37-9
753061-38-0	753061-39-1	753061-40-4	753061-41-5	753061-42-6
753061-43-7	753061-44-8	753061-45-9	753061-46-0	753061-47-1
753061-48-2	753061-49-3	753061-50-6	753061-51-7	753061-52-8
753061-53-9	753061-54-0	753061-55-1	753061-56-2	753061-57-3
753061-58-4	753061-59-5	753061-60-8	753061-61-9	753061-62-0
753061-63-1	753061-64-2	753061-65-3	753061-66-4	753061-67-5
753061-68-6	753061-69-7	753061-70-0	753061-71-1	753061-72-2
753061-73-3	753061-74-4	753061-75-5	753061-76-6	753061-77-7
753061-78-8	753061-79-9	753061-80-2	753061-81-3	753061-82-4
753061-83-5	753061-84-6	753061-85-7	753061-86-8	753061-87-9
753061-88-0	753061-89-1	753061-90-4	753061-91-5	753061-92-6
753061-93-7	753061-94-8	753061-95-9	753061-96-0	753061-97-1
753061-98-2	753061-99-3	753062-00-9	753062-01-0	753062-02-1
753062-03-2	753062-04-3	753062-05-4	753062-06-5	753062-07-6
753062-08-7	753062-09-8	753062-10-1	753062-11-2	753062-12-3
753062-13-4	753062-14-5	753062-15-6	753062-16-7	753062-17-8
753062-18-9	753062-19-0	753062-20-3	753062-21-4	753062-22-5
753062-23-6	753062-24-7	753062-25-8	753062-26-9	753062-27-0
753062-28-1	753062-29-2	753062-30-5	753062-31-6	753062-32-7
753062-33-8	753062-34-9	753062-35-0	753062-36-1	753062-37-2
753062-38-3	753062-39-4	753062-40-7	753062-41-8	753062-42-9
753062-43-0	753062-44-1	753062-45-2	753062-46-3	753062-47-4
753062-48-5	753062-49-6	753062-50-9	753062-51-0	753062-52-1
753062-53-2	753062-54-3	753062-55-4	753062-56-5	753062-57-6
753062-58-7	753062-59-8	753062-60-1	753062-61-2	753062-62-3
753062-63-4	753062-64-5	753062-65-6	753062-66-7	753062-67-8
753062-68-9	753062-69-0	753062-70-3	753062-71-4	753062-72-5
753062-73-6	753062-74-7	753062-75-8	753062-76-9	753062-77-0
753062-78-1	753062-79-2	753062-80-5	753062-81-6	753062-82-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 753062-83-8	753062-84-9	753062-85-0	753062-86-1	753062-87-2
753062-88-3	753062-89-4	753062-90-7	753062-91-8	753062-92-9
753062-93-0	753062-94-1	753062-95-2	753062-96-3	753062-97-4
753062-98-5	753062-99-6	753063-00-2	753063-01-3	753063-02-4
753063-03-5	753063-04-6	753063-05-7	753063-06-8	753063-07-9
753063-08-0	753063-09-1	753063-10-4	753063-11-5	753063-12-6
753063-13-7	753063-14-8	753063-15-9	753063-16-0	753063-17-1
753063-18-2	753063-19-3	753063-20-6	753063-21-7	753063-22-8
753063-23-9	753063-24-0	753063-25-1	753063-26-2	753063-27-3
753063-28-4	753063-29-5	753063-30-8	753063-31-9	753063-32-0
753063-33-1	753063-34-2	753063-35-3	753063-36-4	753063-37-5
753063-38-6	753063-39-7	753063-40-0	753063-41-1	753063-42-2
753063-43-3	753063-44-4	753063-45-5	753063-46-6	753063-47-7
753063-48-8	753063-49-9	753063-50-2	753063-51-3	753063-52-4
753063-53-5	753063-54-6	753063-55-7	753063-56-8	753063-57-9
753063-58-0	753063-59-1	753063-60-4	753063-61-5	753063-62-6
753063-63-7	753063-64-8	753063-65-9	753063-66-0	753063-67-1
753063-68-2	753063-69-3	753063-70-6	753063-71-7	753063-72-8
753063-73-9	753063-74-0	753063-75-1	753063-76-2	753063-77-3
753063-78-4	753063-79-5	753063-80-8	753063-81-9	753063-82-0
753063-83-1	753063-84-2	753063-85-3	753063-86-4	753063-87-5
753063-88-6	753063-89-7	753063-90-0	753063-91-1	753063-92-2

753063-93-3	753063-94-4	753063-95-5	753063-96-6	753063-97-7
753063-98-8	753063-99-9	753064-00-5	753064-01-6	753064-02-7
753064-03-8	753064-04-9	753064-05-0	753064-06-1	753064-07-2
753064-08-3	753064-09-4	753064-10-7	753064-11-8	753064-12-9
753064-13-0	753064-14-1	753064-15-2	753064-16-3	753064-17-4
753064-18-5	753064-19-6	753064-20-9	753064-21-0	753064-22-1
753064-23-2	753064-24-3	753064-25-4	753064-26-5	753064-27-6
753064-28-7	753064-29-8	753064-30-1	753064-31-2	753064-32-3
753064-33-4	753064-34-5	753064-35-6	753064-36-7	753064-37-8
753064-38-9	753064-39-0	753064-40-3	753064-41-4	753064-42-5
753064-43-6	753064-44-7	753064-45-8	753064-46-9	753064-47-0
753064-48-1	753064-49-2	753064-50-5	753064-51-6	753064-52-7
753064-53-8	753064-54-9	753064-55-0	753064-56-1	753064-57-2
753064-58-3	753064-59-4	753064-60-7	753064-61-8	753064-62-9
753064-63-0	753064-64-1	753064-65-2	753064-66-3	753064-67-4
753064-68-5	753064-69-6	753064-70-9	753064-71-0	753064-72-1
753064-73-2	753064-74-3	753064-75-4	753064-76-5	753064-77-6
753064-78-7	753064-79-8	753064-80-1	753064-81-2	753064-82-3
753064-83-4	753064-84-5	753064-85-6	753064-86-7	753064-87-8
753064-88-9	753064-89-0	753064-90-3	753064-91-4	753064-92-5
753064-93-6	753064-94-7	753064-95-8	753064-96-9	753064-97-0
753064-98-1	753064-99-2	753065-00-8	753065-01-9	753065-02-0
753065-03-1	753065-04-2	753065-05-3	753065-06-4	753065-07-5
753065-08-6	753065-09-7	753065-10-0	753065-11-1	753065-12-2
753065-13-3	753065-14-4	753065-15-5	753065-16-6	753065-17-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 753065-18-8	753065-19-9	753065-20-2	753065-21-3	753065-22-4
753065-23-5	753065-24-6	753065-25-7	753065-26-8	753065-27-9
753065-28-0	753065-29-1	753065-30-4	753065-31-5	753065-32-6
753065-33-7	753065-34-8	753065-35-9	753065-36-0	753065-37-1
753065-38-2	753065-39-3	753065-40-6	753065-41-7	753065-42-8
753065-43-9	753065-44-0	753065-45-1	753065-46-2	753065-47-3
753065-48-4	753065-49-5	753065-50-8	753065-51-9	753065-52-0
753065-53-1	753065-54-2	753065-55-3	753065-56-4	753065-57-5
753065-58-6	753065-59-7	753065-60-0	753065-61-1	753065-62-2
753065-63-3	753065-64-4	753065-65-5	753065-66-6	753065-67-7
753065-68-8	753065-69-9	753065-70-2	753065-71-3	753065-72-4
753065-73-5	753065-74-6	753065-75-7	753065-76-8	753065-77-9
753065-78-0	753065-79-1	753065-80-4	753065-81-5	753065-82-6
753065-83-7	753065-84-8	753065-85-9	753065-86-0	753065-87-1
753065-88-2	753065-89-3	753065-90-6	753065-91-7	753065-92-8
753065-93-9	753065-94-0	753065-95-1	753065-96-2	753065-97-3
753065-98-4	753065-99-5	753066-00-1	753066-01-2	753066-02-3
753066-03-4	753066-04-5	753066-05-6	753066-06-7	753066-07-8
753066-08-9	753066-09-0	753066-10-3	753066-11-4	753066-12-5
753066-13-6	753066-14-7	753066-15-8	753066-16-9	753066-17-0
753066-18-1	753066-19-2	753066-20-5	753066-21-6	753066-22-7
753066-23-8	753066-24-9	753066-25-0	753066-26-1	753066-27-2
753066-28-3	753066-29-4	753066-30-7	753066-31-8	753066-32-9
753066-33-0	753066-34-1	753066-35-2	753066-36-3	753066-37-4
753066-38-5	753066-39-6	753066-40-9	753066-41-0	753066-42-1
753066-43-2	753066-44-3	753066-45-4	753066-46-5	753066-47-6
753066-48-7	753066-49-8	753066-50-1	753066-51-2	753066-52-3
753066-53-4	753066-54-5	753066-55-6	753066-56-7	753066-57-8
753066-58-9	753066-59-0	753066-60-3	753066-61-4	753066-62-5
753066-63-6	753066-64-7	753066-65-8	753066-66-9	753066-67-0
753066-68-1	753066-69-2	753066-70-5	753066-71-6	753066-72-7
753066-73-8	753066-74-9	753066-75-0	753066-76-1	753066-77-2
753066-78-3	753066-79-4	753066-80-7	753066-81-8	753066-82-9
753066-83-0	753066-84-1	753066-85-2	753066-86-3	753066-87-4
753066-88-5	753066-89-6	753066-90-9	753066-91-0	753066-92-1
753066-93-2	753066-94-3	753066-95-4	753066-96-5	753066-97-6
753066-98-7	753066-99-8	753067-00-4	753067-01-5	753067-02-6

753067-03-7	753067-04-8	753067-05-9	753067-06-0	753067-07-1
753067-08-2	753067-09-3	753067-10-6	753067-11-7	753067-12-8
753067-13-9	753067-14-0	753067-15-1	753067-16-2	753067-17-3
753067-18-4	753067-19-5	753067-20-8	753067-21-9	753067-22-0
753067-23-1	753067-24-2	753067-25-3	753067-26-4	753067-27-5
753067-28-6	753067-29-7	753067-30-0	753067-31-1	753067-32-2
753067-33-3	753067-34-4	753067-35-5	753067-36-6	753067-37-7
753067-38-8	753067-39-9	753067-40-2	753067-41-3	753067-42-4
753067-43-5	753067-44-6	753067-45-7	753067-46-8	753067-47-9
753067-48-0	753067-49-1	753067-50-4	753067-51-5	753067-52-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753067-53-7	753067-54-8	753067-55-9	753067-56-0	753067-57-1
	753067-58-2	753067-59-3	753067-60-6	753067-61-7	753067-62-8
	753067-63-9	753067-64-0	753067-65-1	753067-66-2	753067-67-3
	753067-68-4	753067-69-5	753067-70-8	753067-71-9	753067-72-0
	753067-73-1	753067-74-2	753067-75-3	753067-76-4	753067-77-5
	753067-78-6	753067-79-7	753067-80-0	753067-81-1	753067-82-2
	753067-83-3	753067-84-4	753067-85-5	753067-86-6	753067-87-7
	753067-88-8	753067-89-9	753067-90-2	753067-91-3	753067-92-4
	753067-93-5	753067-94-6	753067-95-7	753067-96-8	753067-97-9
	753067-98-0	753067-99-1	753068-00-7	753068-01-8	753068-02-9
	753068-03-0	753068-04-1	753068-05-2	753068-06-3	753068-07-4
	753068-08-5	753068-09-6	753068-10-9	753068-11-0	753068-12-1
	753068-13-2	753068-14-3	753068-15-4	753068-16-5	753068-17-6
	753068-18-7	753068-19-8	753068-20-1	753068-21-2	753068-22-3
	753068-23-4	753068-24-5	753068-25-6	753068-26-7	753068-27-8
	753068-28-9	753068-29-0	753068-30-3	753068-31-4	753068-32-5
	753068-33-6	753068-34-7	753068-35-8	753068-36-9	753068-37-0
	753068-38-1	753068-39-2	753068-40-5	753068-41-6	753068-42-7
	753068-43-8	753068-44-9	753068-45-0	753068-46-1	753068-47-2
	753068-48-3	753068-49-4	753068-50-7	753068-51-8	753068-52-9
	753068-53-0	753068-54-1	753068-55-2	753068-56-3	753068-57-4
	753068-58-5	753068-59-6	753068-60-9	753068-61-0	753068-62-1
	753068-63-2	753068-64-3	753068-65-4	753068-66-5	753068-67-6
	753068-68-7	753068-69-8	753068-70-1	753068-71-2	753068-72-3
	753068-73-4	753068-74-5	753068-75-6	753068-76-7	753068-77-8
	753068-78-9	753068-79-0	753068-80-3	753068-81-4	753068-82-5
	753068-83-6	753068-84-7	753068-85-8	753068-86-9	753068-87-0
	753068-88-1	753068-89-2	753068-90-5	753068-91-6	753068-92-7
	753068-93-8	753068-94-9	753068-95-0	753068-96-1	753068-97-2
	753068-98-3	753068-99-4	753069-00-0	753069-01-1	753069-02-2
	753069-03-3	753069-04-4	753069-05-5	753069-06-6	753069-07-7
	753069-08-8	753069-09-9	753069-10-2	753069-11-3	753069-12-4
	753069-13-5	753069-14-6	753069-15-7	753069-16-8	
	753069-17-9	753069-18-0	753069-19-1	753069-20-4	753069-21-5
	753069-22-6	753069-23-7	753069-24-8	753069-25-9	753069-26-0
	753069-27-1	753069-28-2	753069-29-3	753069-30-6	753069-31-7
	753069-32-8	753069-33-9	753069-34-0	753069-35-1	753069-36-2
	753069-37-3	753069-38-4	753069-39-5	753069-40-8	753069-41-9
	753069-42-0	753069-43-1	753069-44-2	753069-45-3	753069-46-4
	753069-47-5	753069-48-6	753069-49-7	753069-50-0	753069-51-1
	753069-52-2	753069-53-3	753069-54-4	753069-55-5	753069-56-6
	753069-57-7	753069-58-8	753069-59-9	753069-60-2	753069-61-3
	753069-62-4	753069-63-5	753069-64-6	753069-65-7	753069-66-8
	753069-67-9	753069-68-0	753069-69-1	753069-70-4	753069-71-5
	753069-72-6	753069-73-7	753069-74-8	753069-75-9	753069-76-0
	753069-77-1	753069-78-2	753069-79-3	753069-80-6	753069-81-7
	753069-82-8	753069-83-9	753069-84-0	753069-85-1	753069-86-2
	753069-87-3				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753069-88-4	753069-89-5	753069-90-8	753069-91-9	753069-92-0
	753069-93-1	753069-94-2	753069-95-3	753069-96-4	753069-97-5
	753069-98-6	753069-99-7	753070-00-7	753070-01-8	753070-02-9
	753070-03-0	753070-04-1	753070-05-2	753070-06-3	753070-07-4
	753070-08-5	753070-09-6	753070-10-9	753070-11-0	753070-12-1
	753070-13-2	753070-14-3	753070-15-4	753070-16-5	753070-17-6
	753070-18-7	753070-19-8	753070-20-1	753070-21-2	753070-22-3
	753070-23-4	753070-24-5	753070-25-6	753070-26-7	753070-27-8
	753070-28-9	753070-29-0	753070-30-3	753070-31-4	753070-32-5
	753070-33-6	753070-34-7	753070-35-8	753070-36-9	753070-37-0
	753070-38-1	753070-39-2	753070-40-5	753070-41-6	753070-42-7
	753070-43-8	753070-44-9	753070-45-0	753070-46-1	753070-47-2
	753070-48-3	753070-49-4	753070-50-7	753070-51-8	753070-52-9
	753070-53-0	753070-54-1	753070-55-2	753070-56-3	753070-57-4
	753070-58-5	753070-59-6	753070-60-9	753070-61-0	753070-62-1
	753070-63-2	753070-64-3	753070-65-4	753070-66-5	753070-67-6
	753070-68-7	753070-69-8	753070-70-1	753070-71-2	753070-72-3
	753070-73-4	753070-74-5	753070-75-6	753070-76-7	753070-77-8
	753070-78-9	753070-79-0	753070-80-3	753070-81-4	753070-82-5
	753070-83-6	753070-84-7	753070-85-8	753070-86-9	753070-87-0
	753070-88-1	753070-89-2	753070-90-5	753070-91-6	753070-92-7
	753070-93-8	753070-94-9	753070-95-0	753070-96-1	753070-97-2
	753070-98-3	753070-99-4	753071-00-0	753071-01-1	753071-02-2
	753071-03-3	753071-04-4	753071-05-5	753071-06-6	753071-07-7
	753071-08-8	753071-09-9	753071-10-2	753071-11-3	753071-12-4
	753071-13-5	753071-14-6	753071-15-7	753071-16-8	753071-17-9
	753071-18-0	753071-19-1	753071-20-4	753071-21-5	753071-22-6
	753071-23-7	753071-24-8	753071-25-9	753071-26-0	753071-27-1
	753071-28-2	753071-29-3	753071-30-6	753071-31-7	753071-32-8
	753071-33-9	753071-34-0	753071-35-1	753071-36-2	753071-37-3
	753071-38-4	753071-39-5	753071-40-8	753071-41-9	753071-42-0
	753071-43-1	753071-44-2	753071-45-3	753071-46-4	753071-47-5
	753071-48-6	753071-49-7	753071-50-0	753071-51-1	753071-52-2
	753071-53-3	753071-54-4	753071-55-5	753071-56-6	753071-57-7
	753071-58-8	753071-59-9	753071-60-2	753071-61-3	753071-62-4
	753071-63-5	753071-64-6	753071-65-7	753071-66-8	753071-67-9
	753071-68-0	753071-69-1	753071-70-4	753071-71-5	753071-72-6
	753071-73-7	753071-74-8	753071-75-9	753071-76-0	753071-77-1
	753071-78-2	753071-79-3	753071-80-6	753071-81-7	753071-82-8
	753071-83-9	753071-84-0	753071-85-1	753071-86-2	753071-87-3
	753071-88-4	753071-89-5	753071-90-8	753071-91-9	753071-92-0
	753071-93-1	753071-94-2	753071-95-3	753071-96-4	753071-97-5
	753071-98-6	753071-99-7	753072-00-3	753072-01-4	753072-02-5
	753072-03-6	753072-04-7	753072-05-8	753072-06-9	753072-07-0
	753072-08-1	753072-09-2	753072-10-5	753072-11-6	753072-12-7
	753072-13-8	753072-14-9	753072-15-0	753072-16-1	753072-17-2
	753072-18-3	753072-19-4	753072-20-7	753072-21-8	753072-22-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753072-23-0	753072-24-1	753072-25-2	753072-26-3	753072-27-4
	753072-28-5	753072-29-6	753072-30-9	753072-31-0	753072-32-1
	753072-33-2	753072-34-3	753072-35-4	753072-36-5	753072-37-6
	753072-38-7	753072-39-8	753072-40-1	753072-41-2	753072-42-3
	753072-43-4	753072-44-5	753072-45-6	753072-46-7	753072-47-8
	753072-48-9	753072-49-0	753072-50-3	753072-51-4	753072-52-5
	753072-53-6	753072-54-7	753072-55-8	753072-56-9	753072-57-0
	753072-58-1	753072-59-2	753072-60-5	753072-61-6	753072-62-7
	753072-63-8	753072-64-9	753072-65-0	753072-66-1	753072-67-2
	753072-68-3	753072-69-4	753072-70-7	753072-71-8	753072-72-9
	753072-73-0	753072-74-1	753072-75-2	753072-76-3	753072-77-4
	753072-78-5	753072-79-6	753072-80-9	753072-81-0	753072-82-1
	753072-83-2	753072-84-3	753072-85-4	753072-86-5	753072-87-6
	753072-88-7	753072-89-8	753072-90-1	753072-91-2	753072-92-3
	753072-93-4	753072-94-5	753072-95-6	753072-96-7	753072-97-8

753072-98-9	753072-99-0	753073-00-6	753073-01-7	753073-02-8
753073-03-9	753073-04-0	753073-05-1	753073-06-2	753073-07-3
753073-08-4	753073-09-5	753073-10-8	753073-11-9	753073-12-0
753073-13-1	753073-14-2	753073-15-3	753073-16-4	753073-17-5
753073-18-6	753073-19-7	753073-20-0	753073-21-1	753073-22-2
753073-23-3	753073-24-4	753073-25-5	753073-26-6	753073-27-7
753073-28-8	753073-29-9	753073-30-2	753073-31-3	753073-32-4
753073-33-5	753073-34-6	753073-35-7	753073-36-8	753073-37-9
753073-38-0	753073-39-1	753073-40-4	753073-41-5	753073-42-6
753073-43-7	753073-44-8	753073-45-9	753073-46-0	753073-47-1
753073-48-2	753073-49-3	753073-50-6	753073-51-7	753073-52-8
753073-53-9	753073-54-0	753073-55-1	753073-56-2	753073-57-3
753073-58-4	753073-59-5	753073-60-8	753073-61-9	753073-62-0
753073-63-1	753073-64-2	753073-65-3	753073-66-4	753073-67-5
753073-68-6	753073-69-7	753073-70-0	753073-71-1	753073-72-2
753073-73-3	753073-74-4	753073-75-5	753073-76-6	753073-77-7
753073-78-8	753073-79-9	753073-80-2	753073-81-3	753073-82-4
753073-83-5	753073-84-6	753073-85-7	753073-86-8	753073-87-9
753073-88-0	753073-89-1	753073-90-4	753073-91-5	753073-92-6
753073-93-7	753073-94-8	753073-95-9	753073-96-0	753073-97-1
753073-98-2	753073-99-3	753074-00-9	753074-01-0	753074-02-1
753074-03-2	753074-04-3	753074-05-4	753074-06-5	753074-07-6
753074-08-7	753074-09-8	753074-10-1	753074-11-2	753074-12-3
753074-13-4	753074-14-5	753074-15-6	753074-16-7	753074-17-8
753074-18-9	753074-19-0	753074-20-3	753074-21-4	753074-22-5
753074-23-6	753074-24-7	753074-25-8	753074-26-9	753074-27-0
753074-28-1	753074-29-2	753074-30-5	753074-31-6	753074-32-7
753074-33-8	753074-34-9	753074-35-0	753074-36-1	753074-37-2
753074-38-3	753074-39-4	753074-40-7	753074-41-8	753074-42-9
753074-43-0	753074-44-1	753074-45-2	753074-46-3	753074-47-4
753074-48-5	753074-49-6	753074-50-9	753074-51-0	753074-52-1
753074-53-2	753074-54-3	753074-55-4	753074-56-5	753074-57-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753074-58-7	753074-59-8	753074-60-1	753074-61-2	753074-62-3
	753074-63-4	753074-64-5	753074-65-6	753074-66-7	753074-67-8
	753074-68-9	753074-69-0	753074-70-3	753074-71-4	753074-72-5
	753074-73-6	753074-74-7	753074-75-8	753074-76-9	753074-77-0
	753074-78-1	753074-79-2	753074-80-5	753074-81-6	753074-82-7
	753074-83-8	753074-84-9	753074-85-0	753074-86-1	753074-87-2
	753074-88-3	753074-89-4	753074-90-7	753074-91-8	753074-92-9
	753074-93-0	753074-94-1	753074-95-2	753074-96-3	753074-97-4
	753074-98-5	753074-99-6	753075-00-2	753075-01-3	753075-02-4
	753075-03-5	753075-04-6	753075-05-7	753075-06-8	753075-07-9
	753075-08-0	753075-09-1	753075-10-4	753075-11-5	753075-12-6
	753075-13-7	753075-14-8	753075-15-9	753075-16-0	753075-17-1
	753075-18-2	753075-19-3	753075-20-6	753075-21-7	753075-22-8
	753075-23-9	753075-24-0	753075-25-1	753075-26-2	753075-27-3
	753075-28-4	753075-29-5	753075-30-8	753075-31-9	753075-32-0
	753075-33-1	753075-34-2	753075-35-3	753075-36-4	753075-37-5
	753075-38-6	753075-39-7	753075-40-0	753075-41-1	753075-42-2
	753075-43-3	753075-44-4	753075-45-5	753075-46-6	753075-47-7
	753075-48-8	753075-49-9	753075-50-2	753075-51-3	753075-52-4
	753075-53-5	753075-54-6	753075-55-7	753075-56-8	753075-57-9
	753075-58-0	753075-59-1	753075-60-4	753075-61-5	753075-62-6
	753075-63-7	753075-64-8	753075-65-9	753075-66-0	753075-67-1
	753075-68-2	753075-69-3	753075-70-6	753075-71-7	753075-72-8
	753075-73-9	753075-74-0	753075-75-1	753075-76-2	753075-77-3
	753075-78-4	753075-79-5	753075-80-8	753075-81-9	753075-82-0
	753075-83-1	753075-84-2	753075-85-3	753075-86-4	753075-87-5
	753075-88-6	753075-89-7	753075-90-0	753075-91-1	753075-92-2
	753075-93-3	753075-94-4	753075-95-5	753075-96-6	753075-97-7
	753075-98-8	753075-99-9	753076-00-5	753076-01-6	753076-02-7
	753076-03-8	753076-04-9	753076-05-0	753076-06-1	753076-07-2

753076-08-3	753076-09-4	753076-10-7	753076-11-8	753076-12-9
753076-13-0	753076-14-1	753076-15-2	753076-16-3	753076-17-4
753076-18-5	753076-19-6	753076-20-9	753076-21-0	753076-22-1
753076-23-2	753076-24-3	753076-25-4	753076-26-5	753076-27-6
753076-28-7	753076-29-8	753076-30-1	753076-31-2	753076-32-3
753076-33-4	753076-34-5	753076-35-6	753076-36-7	753076-37-8
753076-38-9	753076-39-0	753076-40-3	753076-41-4	753076-42-5
753076-43-6	753076-44-7	753076-45-8	753076-46-9	753076-47-0
753076-48-1	753076-49-2	753076-50-5	753076-51-6	753076-52-7
753076-53-8	753076-54-9	753076-55-0	753076-56-1	753076-57-2
753076-58-3	753076-59-4	753076-60-7	753076-61-8	753076-62-9
753076-63-0	753076-64-1	753076-65-2	753076-66-3	753076-67-4
753076-68-5	753076-69-6	753076-70-9	753076-71-0	753076-72-1
753076-73-2	753076-74-3	753076-75-4	753076-76-5	753076-77-6
753076-78-7	753076-79-8	753076-80-1	753076-81-2	753076-82-3
753076-83-4	753076-84-5	753076-85-6	753076-86-7	753076-87-8
753076-88-9	753076-89-0	753076-90-3	753076-91-4	753076-92-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753076-93-6	753076-94-7	753076-95-8	753076-96-9	753076-97-0
	753076-98-1	753076-99-2	753077-00-8	753077-01-9	753077-02-0
	753077-03-1	753077-04-2	753077-05-3	753077-06-4	753077-07-5
	753077-08-6	753077-09-7	753077-10-0	753077-11-1	753077-12-2
	753077-13-3	753077-14-4	753077-15-5	753077-16-6	753077-17-7
	753077-18-8	753077-19-9	753077-20-2	753077-21-3	753077-22-4
	753077-23-5	753077-24-6	753077-25-7	753077-26-8	753077-27-9
	753077-28-0	753077-29-1	753077-30-4	753077-31-5	753077-32-6
	753077-33-7	753077-34-8	753077-35-9	753077-36-0	753077-37-1
	753077-38-2	753077-39-3	753077-40-6	753077-41-7	753077-42-8
	753077-43-9	753077-44-0	753077-45-1	753077-46-2	753077-47-3
	753077-48-4	753077-49-5	753077-50-8	753077-51-9	753077-52-0
	753077-53-1	753077-54-2	753077-55-3	753077-56-4	753077-57-5
	753077-58-6	753077-59-7	753077-60-0	753077-61-1	753077-62-2
	753077-63-3	753077-64-4	753077-65-5	753077-66-6	753077-67-7
	753077-68-8	753077-69-9	753077-70-2	753077-71-3	753077-72-4
	753077-73-5	753077-74-6	753077-75-7	753077-76-8	753077-77-9
	753077-78-0	753077-79-1	753077-80-4	753077-81-5	753077-82-6
	753077-83-7	753077-84-8	753077-85-9	753077-86-0	753077-87-1
	753077-88-2	753077-89-3	753077-90-6	753077-91-7	753077-92-8
	753077-93-9	753077-94-0	753077-95-1	753077-96-2	753077-97-3
	753077-98-4	753077-99-5	753078-00-1	753078-01-2	753078-02-3
	753078-03-4	753078-04-5	753078-05-6	753078-06-7	753078-07-8
	753078-08-9	753078-09-0	753078-10-3	753078-11-4	753078-12-5
	753078-13-6	753078-14-7	753078-15-8	753078-16-9	753078-17-0
	753078-18-1	753078-19-2	753078-20-5	753078-21-6	753078-22-7
	753078-23-8	753078-24-9	753078-25-0	753078-26-1	753078-27-2
	753078-28-3	753078-29-4	753078-30-7	753078-31-8	753078-32-9
	753078-33-0	753078-34-1	753078-35-2	753078-36-3	753078-37-4
	753078-38-5	753078-39-6	753078-40-9	753078-41-0	753078-42-1
	753078-43-2	753078-44-3	753078-45-4	753078-46-5	753078-47-6
	753078-48-7	753078-49-8	753078-50-1	753078-51-2	753078-52-3
	753078-53-4	753078-54-5	753078-55-6	753078-56-7	753078-57-8
	753078-58-9	753078-59-0	753078-60-3	753078-61-4	753078-62-5
	753078-63-6	753078-64-7	753078-65-8	753078-66-9	753078-67-0
	753078-68-1	753078-69-2	753078-70-5	753078-71-6	753078-72-7
	753078-73-8	753078-74-9	753078-75-0	753078-76-1	753078-77-2
	753078-78-3	753078-79-4	753078-80-7	753078-81-8	753078-82-9
	753078-83-0	753078-84-1	753078-85-2	753078-86-3	753078-87-4
	753078-88-5	753078-89-6	753078-90-9	753078-91-0	753078-92-1
	753078-93-2	753078-94-3	753078-95-4	753078-96-5	753078-97-6
	753078-98-7	753078-99-8	753079-00-4	753079-01-5	753079-02-6
	753079-03-7	753079-04-8	753079-05-9	753079-06-0	753079-07-1
	753079-08-2	753079-09-3	753079-10-6	753079-11-7	753079-12-8
	753079-13-9	753079-14-0	753079-15-1	753079-16-2	753079-17-3

753079-18-4 753079-19-5 753079-20-8 753079-21-9 753079-22-0
 753079-23-1 753079-24-2 753079-25-3 753079-26-4 753079-27-5
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT	753079-28-6	753079-29-7	753079-30-0	753079-31-1	753079-32-2
	753079-33-3	753079-34-4	753079-35-5	753079-36-6	753079-37-7
	753079-38-8	753079-39-9	753079-40-2	753079-41-3	753079-42-4
	753079-43-5	753079-44-6	753079-45-7	753079-46-8	753079-47-9
	753079-48-0	753079-49-1	753079-50-4	753079-51-5	753079-52-6
	753079-53-7	753079-54-8	753079-55-9	753079-56-0	753079-57-1
	753079-58-2	753079-59-3	753079-60-6	753079-61-7	753079-62-8
	753079-63-9	753079-64-0	753079-65-1	753079-66-2	753079-67-3
	753079-68-4	753079-69-5	753079-70-8	753079-71-9	753079-72-0
	753079-73-1	753079-74-2	753079-75-3	753079-76-4	753079-77-5
	753079-78-6	753079-79-7	753079-80-0	753079-81-1	
	753079-82-2	753079-83-3	753079-84-4	753079-85-5	753079-86-6
	753079-87-7	753079-88-8	753079-89-9	753079-90-2	753079-91-3
	753079-92-4	753079-93-5	753079-94-6	753079-95-7	753079-96-8
	753079-97-9	753079-98-0	753079-99-1	753080-00-1	753080-01-2
	753080-02-3	753080-03-4	753080-04-5	753080-05-6	753080-06-7
	753080-07-8	753080-08-9	753080-09-0	753080-10-3	753080-11-4
	753080-12-5	753080-13-6	753080-14-7	753080-15-8	753080-16-9
	753080-17-0	753080-18-1	753080-19-2	753080-20-5	753080-21-6
	753080-22-7	753080-23-8	753080-24-9	753080-25-0	753080-26-1
	753080-27-2	753080-28-3	753080-29-4	753080-30-7	753080-31-8
	753080-32-9	753080-33-0	753080-34-1	753080-35-2	753080-36-3
	753080-37-4	753080-38-5	753080-39-6	753080-40-9	753080-41-0
	753080-42-1	753080-43-2	753080-44-3	753080-45-4	753080-46-5
	753080-47-6	753080-48-7	753080-49-8	753080-50-1	753080-51-2
	753080-52-3	753080-53-4	753080-54-5	753080-55-6	753080-56-7
	753080-57-8	753080-58-9	753080-59-0	753080-60-3	753080-61-4
	753080-62-5	753080-63-6	753080-64-7	753080-65-8	753080-66-9
	753080-67-0	753080-68-1	753080-69-2	753080-70-5	753080-71-6
	753080-72-7	753080-73-8	753080-74-9	753080-75-0	753080-76-1
	753080-77-2	753080-78-3	753080-79-4	753080-80-7	753080-81-8
	753080-82-9	753080-83-0	753080-84-1	753080-85-2	753080-86-3
	753080-87-4	753080-88-5	753080-89-6	753080-90-9	753080-91-0
	753080-92-1	753080-93-2	753080-94-3	753080-95-4	753080-96-5
	753080-97-6	753080-98-7	753080-99-8	753081-00-4	753081-01-5
	753081-02-6	753081-03-7	753081-04-8	753081-05-9	753081-06-0
	753081-07-1	753081-08-2	753081-09-3	753081-10-6	753081-11-7
	753081-12-8	753081-13-9	753081-14-0	753081-15-1	753081-16-2
	753081-17-3	753081-18-4	753081-19-5	753081-20-8	753081-21-9
	753081-22-0	753081-23-1	753081-24-2	753081-25-3	753081-26-4
	753081-27-5	753081-28-6	753081-29-7	753081-30-0	753081-31-1
	753081-32-2	753081-33-3	753081-34-4	753081-35-5	753081-36-6
	753081-37-7	753081-38-8	753081-39-9	753081-40-2	753081-41-3
	753081-42-4	753081-43-5	753081-44-6	753081-45-7	753081-46-8
	753081-47-9	753081-48-0	753081-49-1	753081-50-4	753081-51-5
	753081-52-6	753081-53-7	753081-54-8	753081-55-9	753081-56-0
	753081-57-1	753081-58-2	753081-59-3	753081-60-6	753081-61-7
	753081-62-8				

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT	753081-63-9	753081-64-0	753081-65-1	753081-66-2	753081-67-3
	753081-68-4	753081-69-5	753081-70-8	753081-71-9	753081-72-0
	753081-73-1	753081-74-2	753081-75-3	753081-76-4	753081-77-5
	753081-78-6	753081-79-7	753081-80-0	753081-81-1	753081-82-2
	753081-83-3	753081-84-4	753081-85-5	753081-86-6	753081-87-7
	753081-88-8	753081-89-9	753081-90-2	753081-91-3	753081-92-4
	753081-93-5	753081-94-6	753081-95-7	753081-96-8	753081-97-9
	753081-98-0	753081-99-1	753082-00-7	753082-01-8	753082-02-9

753082-03-0	753082-04-1	753082-05-2	753082-06-3	753082-07-4
753082-08-5	753082-09-6	753082-10-9	753082-11-0	753082-12-1
753082-13-2	753082-14-3	753082-15-4	753082-16-5	753082-17-6
753082-18-7	753082-19-8	753082-20-1	753082-21-2	753082-22-3
753082-23-4	753082-24-5	753082-25-6	753082-26-7	753082-27-8
753082-28-9	753082-29-0	753082-30-3	753082-31-4	753082-32-5
753082-33-6	753082-34-7	753082-35-8	753082-36-9	753082-37-0
753082-38-1	753082-39-2	753082-40-5	753082-41-6	753082-42-7
753082-43-8	753082-44-9	753082-45-0	753082-46-1	753082-47-2
753082-48-3	753082-49-4	753082-50-7	753082-51-8	753082-52-9
753082-53-0	753082-54-1	753082-55-2	753082-56-3	753082-57-4
753082-58-5	753082-59-6	753082-60-9	753082-61-0	753082-62-1
753082-63-2	753082-64-3	753082-65-4	753082-66-5	753082-67-6
753082-68-7	753082-69-8	753082-70-1	753082-71-2	753082-72-3
753082-73-4	753082-74-5	753082-75-6	753082-76-7	753082-77-8
753082-78-9	753082-79-0	753082-80-3	753082-81-4	753082-82-5
753082-83-6	753082-84-7	753082-85-8	753082-86-9	753082-87-0
753082-88-1	753082-89-2	753082-90-5	753082-91-6	753082-92-7
753082-93-8	753082-94-9	753082-95-0	753082-96-1	753082-97-2
753082-98-3	753082-99-4	753083-00-0	753083-01-1	753083-02-2
753083-03-3	753083-04-4	753083-05-5	753083-06-6	753083-07-7
753083-08-8	753083-09-9	753083-10-2	753083-11-3	753083-12-4
753083-13-5	753083-14-6	753083-15-7	753083-16-8	753083-17-9
753083-18-0	753083-19-1	753083-20-4	753083-21-5	753083-22-6
753083-23-7	753083-24-8	753083-25-9	753083-26-0	753083-27-1
753083-28-2	753083-29-3	753083-30-6	753083-31-7	753083-32-8
753083-33-9	753083-34-0	753083-35-1	753083-36-2	753083-37-3
753083-38-4	753083-39-5	753083-40-8	753083-41-9	753083-42-0
753083-43-1	753083-44-2	753083-45-3	753083-46-4	753083-47-5
753083-48-6	753083-49-7	753083-50-0	753083-51-1	753083-52-2
753083-53-3	753083-54-4	753083-55-5	753083-56-6	753083-57-7
753083-58-8	753083-59-9	753083-60-2	753083-61-3	753083-62-4
753083-63-5	753083-64-6	753083-65-7	753083-66-8	753083-67-9
753083-68-0	753083-69-1	753083-70-4	753083-71-5	753083-72-6
753083-73-7	753083-74-8	753083-75-9	753083-76-0	753083-77-1
753083-78-2	753083-79-3	753083-80-6	753083-81-7	753083-82-8
753083-83-9	753083-84-0	753083-85-1	753083-86-2	753083-87-3
753083-88-4	753083-89-5	753083-90-8	753083-91-9	753083-92-0
753083-93-1	753083-94-2	753083-95-3	753083-96-4	753083-97-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753083-98-6	753083-99-7	753084-00-3	753084-01-4	753084-02-5
	753084-03-6	753084-04-7	753084-05-8	753084-06-9	753084-07-0
	753084-08-1	753084-09-2	753084-10-5	753084-11-6	753084-12-7
	753084-13-8	753084-14-9	753084-15-0	753084-16-1	753084-17-2
	753084-18-3	753084-19-4	753084-20-7	753084-21-8	753084-22-9
	753084-23-0	753084-24-1	753084-25-2	753084-26-3	753084-27-4
	753084-28-5	753084-29-6	753084-30-9	753084-31-0	753084-32-1
	753084-33-2	753084-34-3	753084-35-4	753084-36-5	753084-37-6
	753084-38-7	753084-39-8	753084-40-1	753084-41-2	753084-42-3
	753084-43-4	753084-44-5	753084-45-6	753084-46-7	753084-47-8
	753084-48-9	753084-49-0	753084-50-3	753084-51-4	753084-52-5
	753084-53-6	753084-54-7	753084-55-8	753084-56-9	753084-57-0
	753084-58-1	753084-59-2	753084-60-5	753084-61-6	753084-62-7
	753084-63-8	753084-64-9	753084-65-0	753084-66-1	753084-67-2
	753084-68-3	753084-69-4	753084-70-7	753084-71-8	753084-72-9
	753084-73-0	753084-74-1	753084-75-2	753084-76-3	753084-77-4
	753084-78-5	753084-79-6	753084-80-9	753084-81-0	753084-82-1
	753084-83-2	753084-84-3	753084-85-4	753084-86-5	753084-87-6
	753084-88-7	753084-89-8	753084-90-1	753084-91-2	753084-92-3
	753084-93-4	753084-94-5	753084-95-6	753084-96-7	753084-97-8
	753084-98-9	753084-99-0	753085-00-6	753085-01-7	753085-02-8
	753085-03-9	753085-04-0	753085-05-1	753085-06-2	753085-07-3
	753085-08-4	753085-09-5	753085-10-8	753085-11-9	753085-12-0

753085-13-1	753085-14-2	753085-15-3	753085-16-4	753085-17-5
753085-18-6	753085-19-7	753085-20-0	753085-21-1	753085-22-2
753085-23-3	753085-24-4	753085-25-5	753085-26-6	753085-27-7
753085-28-8	753085-29-9	753085-30-2	753085-31-3	753085-32-4
753085-33-5	753085-34-6	753085-35-7	753085-36-8	753085-37-9
753085-38-0	753085-39-1	753085-40-4	753085-41-5	753085-42-6
753085-43-7	753085-44-8	753085-45-9	753085-46-0	753085-47-1
753085-48-2	753085-49-3	753085-50-6	753085-51-7	753085-52-8
753085-53-9	753085-54-0	753085-55-1	753085-56-2	753085-57-3
753085-58-4	753085-59-5	753085-60-8	753085-61-9	753085-62-0
753085-63-1	753085-64-2	753085-65-3	753085-66-4	753085-67-5
753085-68-6	753085-69-7	753085-70-0	753085-71-1	753085-72-2
753085-73-3	753085-74-4	753085-75-5	753085-76-6	753085-77-7
753085-78-8	753085-79-9	753085-80-2	753085-81-3	753085-82-4
753085-83-5	753085-84-6	753085-85-7	753085-86-8	753085-87-9
753085-88-0	753085-89-1	753085-90-4	753085-91-5	753085-92-6
753085-93-7	753085-94-8	753085-95-9	753085-96-0	753085-97-1
753085-98-2	753085-99-3	753086-00-9	753086-01-0	753086-02-1
753086-03-2	753086-04-3	753086-05-4	753086-06-5	753086-07-6
753086-08-7	753086-09-8	753086-10-1	753086-11-2	753086-12-3
753086-13-4	753086-14-5	753086-15-6	753086-16-7	753086-17-8
753086-18-9	753086-19-0	753086-20-3	753086-21-4	753086-22-5
753086-23-6	753086-24-7	753086-25-8	753086-26-9	753086-27-0
753086-28-1	753086-29-2	753086-30-5	753086-31-6	753086-32-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	753086-33-8	753086-34-9	753086-35-0	753086-36-1	753086-37-2
	753086-38-3	753086-39-4	753086-40-7	753086-41-8	753086-42-9
	753086-43-0	753086-44-1	753086-45-2	753086-46-3	753086-47-4
	753086-48-5	753086-49-6	753086-50-9	753086-51-0	753086-52-1
	753086-53-2	753086-54-3	753086-55-4	753086-56-5	753086-57-6
	753086-58-7	753086-59-8	753086-60-1	753086-61-2	753086-62-3
	753086-63-4	753086-64-5	753086-65-6	753086-66-7	753086-67-8
	753086-68-9	753086-69-0	753086-70-3	753086-71-4	753086-72-5
	753086-73-6	753086-74-7	753086-75-8	753086-76-9	753086-77-0
	753086-78-1	753086-79-2	753086-80-5	753086-81-6	753086-82-7
	753086-83-8	753086-84-9	753086-85-0	753086-86-1	753086-87-2
	753086-88-3	753086-89-4	753086-90-7	753086-91-8	753086-92-9
	753086-93-0	753086-94-1	753086-95-2	753086-96-3	753086-97-4
	753086-98-5	753086-99-6	753087-00-2	753087-01-3	753087-02-4
	753087-03-5	753087-04-6	753087-05-7	753087-06-8	753087-07-9
	753087-08-0	753087-09-1	753087-10-4	753087-11-5	753087-12-6
	753087-13-7	753087-14-8	753087-15-9	753087-16-0	753087-17-1
	753087-18-2	753087-19-3	753087-20-6	753087-21-7	753087-22-8
	753087-23-9	753087-24-0	753087-25-1	753087-26-2	753087-27-3
	753087-28-4	753087-29-5	753087-30-8	753087-31-9	753087-32-0
	753087-33-1	753087-34-2	753087-35-3	753087-36-4	753087-37-5
	753087-38-6	753087-39-7	753087-40-0	753087-41-1	753087-42-2
	753087-43-3	753087-44-4	753087-45-5	753087-46-6	753087-47-7
	753087-48-8	753087-49-9	753087-50-2	753087-51-3	753087-52-4
	753087-53-5	753087-54-6	753087-55-7	753087-56-8	753087-57-9
	753087-58-0	753087-59-1	753087-60-4	753087-61-5	753087-62-6
	753087-63-7	753087-64-8	753087-65-9	753087-66-0	753087-67-1
	753087-68-2	753087-69-3	753087-70-6	753087-71-7	753087-72-8
	753087-73-9	753087-74-0	753087-75-1	753087-76-2	753087-77-3
	753087-78-4	753087-79-5	753087-80-8	753087-81-9	753087-82-0
	753087-83-1	753087-84-2	753087-85-3	753087-86-4	753087-87-5
	753087-88-6	753087-89-7	753087-90-0	753087-91-1	753087-92-2
	753087-93-3	753087-94-4	753087-95-5	753087-96-6	753087-97-7
	753088-98-8	753087-99-9	753088-00-5	753088-01-6	753088-02-7
	753088-03-8	753088-04-9	753088-05-0	753088-06-1	753088-07-2
	753088-08-3	753088-09-4	753088-10-7	753088-11-8	753088-12-9
	753088-13-0	753088-14-1	753088-15-2	753088-16-3	753088-17-4
	753088-18-5	753088-19-6	753088-20-9	753088-21-0	753088-22-1

753088-23-2 753088-24-3 753088-25-4 753088-26-5 753088-27-6
 753088-28-7 753088-29-8 753088-30-1 753088-31-2 753088-32-3
 753088-33-4 753088-34-5 753088-35-6 753088-36-7 753088-37-8
 753088-38-9 753088-39-0 753088-40-3 753088-41-4 753088-42-5
 753088-43-6 753088-44-7 753088-45-8 753088-46-9 753088-47-0
 753088-48-1 753088-49-2 753088-50-5 753088-51-6 753088-52-7
 753088-53-8 753088-54-9 753088-55-0 753088-56-1 753088-57-2
 753088-58-3 753088-59-4 753088-60-7 753088-61-8 753088-62-9
 753088-63-0 753088-64-1 753088-65-2 753088-66-3 753088-67-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 753088-68-5 753088-69-6 753088-70-9 753088-71-0 753088-72-1
 753088-73-2 753088-74-3 753088-75-4 753088-76-5 753088-77-6
 753088-78-7 753088-79-8 753088-80-1 753088-81-2 753088-82-3
 753088-83-4 753088-84-5 753088-85-6 753088-86-7 753088-87-8
 753088-88-9 753088-89-0 753088-90-3 753088-91-4 753088-92-5
 753088-93-6 753088-94-7 753088-95-8 753088-96-9 753088-97-0
 753088-98-1 753088-99-2 753089-00-8 753089-01-9 753089-02-0
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 9005-53-2P, Lignin, preparation 11078-30-1P, Galactomannan

RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)

(improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved use and/or uptake of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 753069-16-8 753079-57-1 753079-79-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

RN 753069-16-8 HCAPLUS

CN Protein (sorghum clone 13238172.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 DHTTVHEACP RPRLSKVLM I PDHMTMHEPC RRMASHKVDI MLLPDSPTLL
 51 LCGELRCSFI FLCCLYLRC S RFITVAANKI SC

RN 753079-57-1 HCAPLUS

CN Protein (sorghum clone 14365056.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 FFLVQRAGL AVYIENKRN V KEAACKPSAQ YWTAHAVLHL WSEQRLQVTS
 51 CEVLMLVYVC IYVYGRLNL LVTILSIDKL

RN 753079-79-7 HCAPLUS

CN Protein (sorghum clone 14365357.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 DFHHLPARLV CLSRVFLCML CVWLFSC TLS IFLTIFIYSK HHGSMIPLLS
51 WMP

L12 ANSWER 9 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:770844 HCAPLUS
DN 141:237807
ED Entered STN: 22 Sep 2004
TI Sorghum nucleic acids and encoded proteins and their uses improvement of
transgenic plants
IN Kovalic, David K.; Zhou, Yihua; Cao, Yongwei
PA USA
SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 850,147,
abandoned.
CODEN: USXXCO
DT Patent
LA English
IC A01H001-00; C12N015-82; C07H021-04; C12N009-24
INCL 800284000; 435200000; 536023200; 435468000
CC 3-3 (Biochemical Genetics)
Section cross-reference(s): 6, 11

FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
PRAI	US 2000-684016	A2	20001010	<--	
	US 2001-850147	B2	20010508		
	US 2004-767701	A	20040129		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004172684	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24
	INCL	800284000; 435200000; 536023200; 435468000
US 2004172684	NCL	800/284.000 <--
US 2004172684	NCL	800/284.000
	ECLA	C07K014/415; C12N015/82 <--

AB Nucleotide sequences are provided for 31,563 nucleic acids in a cDNA library from sorghum tissue. The open reading frame in each recombinant polynucleotide sequence is identified by a combination of predictive and homol. based methods. Functions of polypeptides encoded by the polynucleotide sequences are determined using a hierarchical classification tool, termed FunCAT, for Functional Categories Annotation Tool. Functional assignments from five public classification schemes, GO_BP, GO_CC, GO_MF, KEGG, and EC, and one internal Monsanto classification scheme, POI, are also provided. The disclosed recombinant polynucleotides and recombinant polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of 13 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

ST sorghum cDNA protein sequence plant transformation

IT Stress, plant

(cold, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Cell cycle

(growth rate control by modification of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant

(heat, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Recombination, genetic

(homologous, increased rate of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Growth regulators, plant
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 (improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Pathogen
 (improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Carbohydrates, biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved use and/or uptake of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Disease resistance, plant
 Growth and development, plant
 Herbicide resistance
 (improvement of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Fats and Glyceridic oils, preparation
 Proteins
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 (modification of yield and/or content of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
 (osmotic, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Transcription factors
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 (plant improvement by; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Embryophyta
 Protein sequences
 Sorghum bicolor
 Transformation, genetic
 cDNA sequences
 (sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
 (water deficiency, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Photosynthesis, biological
 (yield improvement by modification of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
 (yield improvement in; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752624-92-3	752624-93-4	752624-94-5	752624-95-6	752624-96-7
	752624-97-8	752624-98-9	752624-99-0	752625-00-6	752625-01-7
	752625-02-8	752625-03-9	752625-04-0	752625-05-1	752625-06-2
	752625-07-3	752625-08-4	752625-09-5	752625-10-8	752625-11-9
	752625-12-0	752625-13-1	752625-14-2	752625-15-3	752625-16-4
	752625-17-5	752625-18-6	752625-19-7	752625-20-0	752625-21-1
	752625-22-2	752625-23-3	752625-24-4	752625-25-5	752625-26-6
	752625-27-7	752625-28-8	752625-29-9	752625-30-2	
	752625-31-3	752625-32-4	752625-33-5	752625-34-6	752625-35-7
	752625-36-8	752625-37-9	752625-38-0	752625-39-1	752625-40-4
	752625-41-5	752625-42-6	752625-43-7	752625-44-8	752625-45-9
	752625-46-0	752625-47-1	752625-48-2	752625-49-3	752625-50-6
	752625-51-7	752625-52-8	752625-53-9	752625-54-0	752625-55-1
	752625-56-2	752625-57-3	752625-58-4	752625-59-5	752625-60-8
	752625-61-9	752625-62-0	752625-63-1	752625-64-2	752625-65-3
	752625-66-4	752625-67-5	752625-68-6	752625-69-7	752625-70-0
	752625-71-1	752625-72-2	752625-73-3	752625-74-4	752625-75-5
	752625-76-6	752625-77-7	752625-78-8	752625-79-9	752625-80-2
	752625-81-3	752625-82-4	752625-83-5	752625-84-6	752625-85-7
	752625-86-8	752625-87-9	752625-88-0	752625-89-1	752625-90-4
	752625-91-5	752625-92-6	752625-93-7	752625-94-8	752625-95-9
	752625-96-0	752625-97-1	752625-98-2	752625-99-3	752626-00-9
	752626-01-0	752626-02-1	752626-03-2	752626-04-3	752626-05-4
	752626-06-5	752626-07-6	752626-08-7	752626-09-8	752626-10-1
	752626-11-2	752626-12-3	752626-13-4	752626-14-5	752626-15-6
	752626-16-7	752626-17-8	752626-18-9	752626-19-0	752626-20-3
	752626-21-4	752626-22-5	752626-23-6	752626-24-7	752626-25-8
	752626-26-9	752626-27-0	752626-28-1	752626-29-2	752626-30-5
	752626-31-6	752626-32-7	752626-33-8	752626-34-9	752626-35-0
	752626-36-1	752626-37-2	752626-38-3	752626-39-4	752626-40-7
	752626-41-8	752626-42-9	752626-43-0	752626-44-1	752626-45-2
	752626-46-3	752626-47-4	752626-48-5	752626-49-6	752626-50-9
	752626-51-0	752626-52-1	752626-53-2	752626-54-3	752626-55-4
	752626-56-5	752626-57-6	752626-58-7	752626-59-8	752626-60-1
	752626-61-2	752626-62-3	752626-63-4	752626-64-5	752626-65-6
	752626-66-7	752626-67-8	752626-68-9	752626-69-0	752626-70-3
	752626-71-4	752626-72-5	752626-73-6	752626-74-7	752626-75-8
	752626-76-9	752626-77-0	752626-78-1	752626-79-2	752626-80-5
	752626-81-6	752626-82-7	752626-83-8	752626-84-9	752626-85-0
	752626-86-1	752626-87-2	752626-88-3	752626-89-4	752626-90-7
	752626-91-8	752626-92-9	752626-93-0	752626-94-1	752626-95-2
	752626-96-3	752626-97-4	752626-98-5	752626-99-6	752627-00-2
	752627-01-3	752627-02-4	752627-03-5	752627-04-6	752627-05-7
	752627-06-8	752627-07-9	752627-08-0	752627-09-1	752627-10-4
	752627-11-5	752627-12-6	752627-13-7	752627-14-8	752627-15-9
	752627-16-0	752627-17-1	752627-18-2	752627-19-3	752627-20-6
	752627-21-7	752627-22-8	752627-23-9	752627-24-0	752627-25-1
	752627-26-2				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752627-27-3	752627-28-4	752627-29-5	752627-30-8	752627-31-9
	752627-32-0	752627-33-1	752627-34-2	752627-35-3	752627-36-4
	752627-37-5	752627-38-6	752627-39-7	752627-40-0	752627-41-1
	752627-42-2	752627-43-3	752627-44-4	752627-45-5	752627-46-6
	752627-47-7	752627-48-8	752627-49-9	752627-50-2	752627-51-3
	752627-52-4	752627-53-5	752627-54-6	752627-55-7	752627-56-8
	752627-57-9	752627-58-0	752627-59-1	752627-60-4	752627-61-5
	752627-62-6	752627-63-7	752627-64-8	752627-65-9	752627-66-0
	752627-67-1	752627-68-2	752627-69-3	752627-70-6	752627-71-7
	752627-72-8	752627-73-9	752627-74-0	752627-75-1	752627-76-2

752627-77-3	752627-78-4	752627-79-5	752627-80-8	752627-81-9
752627-82-0	752627-83-1	752627-84-2	752627-85-3	752627-86-4
752627-87-5	752627-88-6	752627-89-7	752627-90-0	752627-91-1
752627-92-2	752627-93-3	752627-94-4	752627-95-5	752627-96-6
752627-97-7	752627-98-8	752627-99-9	752628-00-5	752628-01-6
752628-02-7	752628-03-8	752628-04-9	752628-05-0	752628-06-1
752628-07-2	752628-08-3	752628-09-4	752628-10-7	752628-11-8
752628-12-9	752628-13-0	752628-14-1	752628-15-2	752628-16-3
752628-17-4	752628-18-5	752628-19-6	752628-20-9	752628-21-0
752628-22-1	752628-23-2	752628-24-3	752628-25-4	752628-26-5
752628-27-6	752628-28-7	752628-29-8	752628-30-1	752628-31-2
752628-32-3	752628-33-4	752628-34-5	752628-35-6	752628-36-7
752628-37-8	752628-38-9	752628-39-0	752628-40-3	752628-41-4
752628-42-5	752628-43-6	752628-44-7	752628-45-8	752628-46-9
752628-47-0	752628-48-1	752628-49-2	752628-50-5	752628-51-6
752628-52-7	752628-53-8	752628-54-9	752628-55-0	752628-56-1
752628-57-2	752628-58-3	752628-59-4	752628-60-7	752628-61-8
752628-62-9	752628-63-0	752628-64-1	752628-65-2	752628-66-3
752628-67-4	752628-68-5	752628-69-6	752628-70-9	752628-71-0
752628-72-1	752628-73-2	752628-74-3	752628-75-4	752628-76-5
752628-77-6	752628-78-7	752628-79-8	752628-80-1	752628-81-2
752628-82-3	752628-83-4	752628-84-5	752628-85-6	752628-86-7
752628-87-8	752628-88-9	752628-89-0	752628-90-3	752628-91-4
752628-92-5	752628-93-6	752628-94-7	752628-95-8	752628-96-9
752628-97-0	752628-98-1	752628-99-2	752629-00-8	752629-01-9
752629-02-0	752629-03-1	752629-04-2	752629-05-3	752629-06-4
752629-07-5	752629-08-6	752629-09-7	752629-10-0	752629-11-1
752629-12-2	752629-13-3	752629-14-4	752629-15-5	752629-16-6
752629-17-7	752629-18-8	752629-19-9	752629-20-2	752629-21-3
752629-22-4	752629-23-5	752629-24-6	752629-25-7	752629-26-8
752629-27-9	752629-28-0	752629-29-1	752629-30-4	752629-31-5
752629-32-6	752629-33-7	752629-34-8	752629-35-9	752629-36-0
752629-37-1	752629-38-2	752629-39-3	752629-40-6	752629-41-7
752629-42-8	752629-43-9	752629-44-0	752629-45-1	752629-46-2
752629-47-3	752629-48-4	752629-49-5	752629-50-8	752629-51-9
752629-52-0	752629-53-1	752629-54-2	752629-55-3	752629-56-4
752629-57-5	752629-58-6	752629-59-7	752629-60-0	752629-61-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752629-62-2	752629-63-3	752629-64-4	752629-65-5	752629-66-6
	752629-67-7	752629-68-8	752629-69-9	752629-70-2	752629-71-3
	752629-72-4	752629-73-5	752629-74-6	752629-75-7	752629-76-8
	752629-77-9	752629-78-0	752629-79-1	752629-80-4	752629-81-5
	752629-82-6	752629-83-7	752629-84-8	752629-85-9	752629-86-0
	752629-87-1	752629-88-2	752629-89-3	752629-90-6	752629-91-7
	752629-92-8	752629-93-9	752629-94-0	752629-95-1	752629-96-2
	752629-97-3	752629-98-4	752629-99-5	752630-00-5	752630-01-6
	752630-02-7	752630-03-8	752630-04-9	752630-05-0	752630-06-1
	752630-07-2	752630-08-3	752630-09-4	752630-10-7	752630-11-8
	752630-12-9	752630-13-0	752630-14-1	752630-15-2	752630-16-3
	752630-17-4	752630-18-5	752630-19-6	752630-20-9	752630-21-0
	752630-22-1	752630-23-2	752630-24-3	752630-25-4	752630-26-5
	752630-27-6	752630-28-7	752630-29-8	752630-30-1	752630-31-2
	752630-32-3	752630-33-4	752630-34-5	752630-35-6	752630-36-7
	752630-37-8	752630-38-9	752630-39-0	752630-40-3	752630-41-4
	752630-42-5	752630-43-6	752630-44-7	752630-45-8	752630-46-9
	752630-47-0	752630-48-1	752630-49-2	752630-50-5	752630-51-6
	752630-52-7	752630-53-8	752630-54-9	752630-55-0	752630-56-1
	752630-57-2	752630-58-3	752630-59-4	752630-60-7	752630-61-8
	752630-62-9	752630-63-0	752630-64-1	752630-65-2	752630-66-3
	752630-67-4	752630-68-5	752630-69-6	752630-70-9	752630-71-0
	752630-72-1	752630-73-2	752630-74-3	752630-75-4	752630-76-5
	752630-77-6	752630-78-7	752630-79-8	752630-80-1	752630-81-2
	752630-82-3	752630-83-4	752630-84-5	752630-85-6	752630-86-7

752630-87-8	752630-88-9	752630-89-0	752630-90-3	752630-91-4
752630-92-5	752630-93-6	752630-94-7	752630-95-8	752630-96-9
752630-97-0	752630-98-1	752630-99-2	752631-00-8	752631-01-9
752631-02-0	752631-03-1	752631-04-2	752631-05-3	752631-06-4
752631-07-5	752631-08-6	752631-09-7	752631-10-0	752631-11-1
752631-12-2	752631-13-3	752631-14-4	752631-15-5	752631-16-6
752631-17-7	752631-18-8	752631-19-9	752631-20-2	752631-21-3
752631-22-4	752631-23-5	752631-24-6	752631-25-7	752631-26-8
752631-27-9	752631-28-0	752631-29-1	752631-30-4	752631-31-5
752631-32-6	752631-33-7	752631-34-8	752631-35-9	752631-36-0
752631-37-1	752631-38-2	752631-39-3	752631-40-6	752631-41-7
752631-42-8	752631-43-9	752631-44-0	752631-45-1	752631-46-2
752631-47-3	752631-48-4	752631-49-5	752631-50-8	752631-51-9
752631-52-0	752631-53-1	752631-54-2	752631-55-3	752631-56-4
752631-57-5	752631-58-6	752631-59-7	752631-60-0	752631-61-1
752631-62-2	752631-63-3	752631-64-4	752631-65-5	752631-66-6
752631-67-7	752631-68-8	752631-69-9	752631-70-2	752631-71-3
752631-72-4	752631-73-5	752631-74-6	752631-75-7	752631-76-8
752631-77-9	752631-78-0	752631-79-1	752631-80-4	752631-81-5
752631-82-6	752631-83-7	752631-84-8	752631-85-9	752631-86-0
752631-87-1	752631-88-2	752631-89-3	752631-90-6	752631-91-7
752631-92-8	752631-93-9	752631-94-0	752631-95-1	752631-96-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752631-97-3	752631-98-4	752631-99-5	752632-00-1	752632-01-2
	752632-02-3	752632-03-4	752632-04-5	752632-05-6	752632-06-7
	752632-07-8	752632-08-9	752632-09-0	752632-10-3	752632-11-4
	752632-12-5	752632-13-6	752632-14-7	752632-15-8	752632-16-9
	752632-17-0	752632-18-1	752632-19-2	752632-20-5	752632-21-6
	752632-22-7	752632-23-8	752632-24-9	752632-25-0	752632-26-1
	752632-27-2	752632-28-3	752632-29-4	752632-30-7	752632-31-8
	752632-32-9	752632-33-0	752632-34-1	752632-35-2	752632-36-3
	752632-37-4	752632-38-5	752632-39-6	752632-40-9	752632-41-0
	752632-42-1	752632-43-2	752632-44-3	752632-45-4	752632-46-5
	752632-47-6	752632-48-7	752632-49-8	752632-50-1	752632-51-2
	752632-52-3	752632-53-4	752632-54-5	752632-55-6	752632-56-7
	752632-57-8	752632-58-9	752632-59-0	752632-60-3	752632-61-4
	752632-62-5	752632-63-6	752632-64-7	752632-65-8	752632-66-9
	752632-67-0	752632-68-1	752632-69-2	752632-70-5	752632-71-6
	752632-72-7	752632-73-8	752632-74-9	752632-75-0	752632-76-1
	752632-77-2	752632-78-3	752632-79-4	752632-80-7	752632-81-8
	752632-82-9	752632-83-0	752632-84-1	752632-85-2	752632-86-3
	752632-87-4	752632-88-5	752632-89-6	752632-90-9	752632-91-0
	752632-92-1	752632-93-2	752632-94-3	752632-95-4	752632-96-5
	752632-97-6	752632-98-7	752632-99-8	752633-00-4	752633-01-5
	752633-02-6	752633-03-7	752633-04-8	752633-05-9	752633-06-0
	752633-07-1	752633-08-2	752633-09-3	752633-10-6	752633-11-7
	752633-12-8	752633-13-9	752633-14-0	752633-15-1	752633-16-2
	752633-17-3	752633-18-4	752633-19-5	752633-20-8	752633-21-9
	752633-22-0	752633-23-1	752633-24-2	752633-25-3	752633-26-4
	752633-27-5	752633-28-6	752633-29-7	752633-30-0	752633-31-1
	752633-32-2	752633-33-3	752633-34-4	752633-35-5	752633-36-6
	752633-37-7	752633-38-8	752633-39-9	752633-40-2	752633-41-3
	752633-42-4	752633-43-5	752633-44-6	752633-45-7	752633-46-8
	752633-47-9	752633-48-0	752633-49-1	752633-50-4	752633-51-5
	752633-52-6	752633-53-7	752633-54-8	752633-55-9	752633-56-0
	752633-57-1	752633-58-2	752633-59-3	752633-60-6	752633-61-7
	752633-62-8	752633-63-9	752633-64-0	752633-65-1	752633-66-2
	752633-67-3	752633-68-4	752633-69-5	752633-70-8	752633-73-1
	752633-75-3	752633-77-5	752633-79-7	752633-82-2	752633-84-4
	752633-86-6	752633-89-9	752633-91-3	752633-93-5	752633-96-8
	752633-98-0	752634-00-7	752634-03-0	752634-05-2	752634-07-4
	752634-09-6	752634-12-1	752634-14-3	752634-17-6	752634-19-8
	752634-21-2	752634-23-4	752634-25-6	752634-28-9	752634-30-3

752634-32-5	752634-34-7	752634-37-0	752634-39-2	752634-41-6
752634-44-9	752634-45-0	752634-47-2	752634-49-4	752634-52-9
752634-54-1	752634-56-3	752634-58-5	752634-60-9	752634-63-2
752634-65-4	752634-67-6	752634-69-8	752634-70-1	752634-71-2
752634-72-3	752634-73-4	752634-74-5	752634-75-6	752634-76-7
752634-77-8	752634-78-9	752634-79-0	752634-80-3	752634-81-4
752634-82-5	752634-83-6	752634-84-7	752634-85-8	752634-86-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752634-87-0	752634-88-1	752634-89-2	752634-90-5	752634-91-6
	752634-92-7	752634-94-9	752634-95-0	752634-96-1	752634-97-2
	752634-98-3	752634-99-4	752635-00-0	752635-01-1	752635-03-3
	752635-05-5	752635-07-7	752635-09-9	752635-11-3	752635-12-4
	752635-13-5	752635-16-8	752635-18-0	752635-20-4	752635-22-6
	752635-23-7	752635-24-8	752635-25-9	752635-26-0	752635-27-1
	752635-28-2	752635-31-7	752635-33-9	752635-35-1	752635-37-3
	752635-40-8	752635-42-0	752635-43-1	752635-44-2	752635-45-3
	752635-46-4	752635-47-5	752635-48-6	752635-50-0	752635-53-3
	752635-55-5	752635-57-7	752635-60-2	752635-62-4	752635-64-6
	752635-66-8	752635-67-9	752635-68-0	752635-69-1	752635-70-4
	752635-71-5	752635-72-6	752635-73-7	752635-74-8	752635-75-9
	752635-76-0	752635-77-1	752635-79-3	752635-81-7	752635-82-8
	752635-83-9	752635-85-1	752635-87-3	752635-89-5	752635-90-8
	752635-91-9	752635-92-0	752635-95-3	752635-97-5	752635-99-7
	752636-00-3	752636-01-4	752636-02-5	752636-03-6	752636-04-7
	752636-05-8	752636-06-9	752636-08-1	752636-10-5	752636-13-8
	752636-15-0	752636-18-3	752636-19-4	752636-20-7	752636-21-8
	752636-22-9	752636-23-0	752636-24-1	752636-25-2	752636-26-3
	752636-27-4	752636-29-6	752636-30-9	752636-31-0	752636-32-1
	752636-33-2	752636-34-3	752636-35-4	752636-36-5	752636-37-6
	752636-38-7	752636-40-1	752636-42-3	752636-43-4	752636-44-5
	752636-46-7	752636-47-8	752636-48-9	752636-49-0	752636-50-3
	752636-51-4	752636-52-5	752636-53-6	752636-54-7	752636-55-8
	752636-56-9	752636-57-0	752636-58-1	752636-59-2	752636-60-5
	752636-61-6	752636-62-7	752636-63-8	752636-64-9	752636-65-0
	752636-66-1	752636-67-2	752636-68-3	752636-69-4	752636-70-7
	752636-71-8	752636-72-9	752636-73-0	752636-74-1	752636-75-2
	752636-76-3	752636-77-4	752636-78-5	752636-79-6	752636-80-9
	752636-81-0	752636-82-1	752636-83-2	752636-84-3	752636-85-4
	752636-86-5	752636-87-6	752636-88-7	752636-89-8	752636-90-1
	752636-91-2	752636-92-3	752636-93-4	752636-94-5	752636-95-6
	752636-96-7	752636-97-8	752636-98-9	752636-99-0	752637-00-6
	752637-01-7	752637-02-8	752637-03-9	752637-04-0	752637-05-1
	752637-06-2	752637-07-3	752637-08-4	752637-09-5	752637-10-8
	752637-11-9	752637-12-0	752637-13-1	752637-14-2	752637-15-3
	752637-16-4	752637-17-5	752637-18-6	752637-19-7	752637-20-0
	752637-21-1	752637-22-2	752637-23-3	752637-24-4	752637-25-5
	752637-26-6	752637-27-7	752637-28-8	752637-29-9	752637-30-2
	752637-31-3	752637-32-4	752637-33-5	752637-34-6	752637-35-7
	752637-36-8	752637-37-9	752637-38-0	752637-39-1	752637-40-4
	752637-41-5	752637-42-6	752637-43-7	752637-44-8	752637-45-9
	752637-46-0	752637-47-1	752637-48-2	752637-49-3	752637-50-6
	752637-51-7	752637-52-8	752637-53-9	752637-54-0	752637-55-1
	752637-56-2	752637-57-3	752637-58-4	752637-60-8	752637-63-1
	752637-65-3	752637-67-5	752637-70-0	752637-72-2	752637-74-4
	752637-77-7	752637-79-9	752637-81-3	752637-83-5	752637-87-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752637-89-1	752637-90-4	752637-91-5	752637-93-7	752637-96-0
	752637-98-2	752638-00-9	752638-03-2	752638-05-4	752638-07-6
	752638-09-8	752638-12-3	752638-14-5	752638-16-7	752638-19-0
	752638-22-5	752638-25-8	752638-27-0	752638-29-2	752638-32-7

752638-34-9	752638-36-1	752638-39-4	752638-41-8	752638-43-0
752638-46-3	752638-48-5	752638-50-9	752638-52-1	752638-54-3
752638-56-5	752638-60-1	752638-62-3	752638-65-6	752638-67-8
752638-69-0	752638-72-5	752638-74-7	752638-79-2	752638-81-6
752638-83-8	752638-86-1	752638-88-3	752638-90-7	752638-93-0
752638-96-3	752638-99-6	752639-01-3	752639-03-5	752639-06-8
752639-08-0	752639-10-4	752639-13-7	752639-15-9	752639-17-1
752639-20-6	752639-22-8	752639-24-0	752639-27-3	752639-29-5
752639-31-9	752639-34-2	752639-36-4	752639-38-6	752639-40-0
752639-43-3	752639-45-5	752639-47-7	752639-50-2	752639-52-4
752639-53-5	752639-56-8	752639-58-0	752639-60-4	752639-64-8
752639-66-0	752639-69-3	752639-71-7	752639-73-9	752639-75-1
752639-78-4	752639-81-9	752639-83-1	752639-86-4	752639-88-6
752639-90-0	752639-94-4	752639-96-6	752639-98-8	752640-01-0
752640-03-2	752640-05-4	752640-08-7	752640-10-1	752640-12-3
752640-14-5	752640-17-8	752640-19-0	752640-21-4	752640-23-6
752640-26-9	752640-28-1	752640-30-5	752640-32-7	752640-35-0
752640-37-2	752640-39-4	752640-42-9	752640-44-1	752640-48-5
752640-50-9	752640-52-1	752640-54-3	752640-57-6	752640-58-7
752640-60-1	752640-62-3	752640-65-6	752640-67-8	752640-69-0
752640-72-5	752640-74-7	752640-77-0	752640-79-2	752640-82-7
752640-84-9	752640-86-1	752640-89-4	752640-91-8	752640-93-0
752640-95-2	752640-98-5	752641-00-2	752641-02-4	752641-05-7
752641-07-9	752641-10-4	752641-13-7	752641-15-9	752641-17-1
752641-19-3	752641-21-7	752641-24-0	752641-26-2	752641-28-4
752641-30-8	752641-32-0	752641-35-3	752641-37-5	752641-39-7
752641-42-2	752641-44-4	752641-46-6	752641-48-8	752641-50-2
752641-52-4	752641-55-7	752641-57-9	752641-59-1	752641-62-6
752641-64-8	752641-66-0	752641-68-2	752641-71-7	752641-74-0
752641-76-2	752641-78-4	752641-81-9	752641-83-1	752641-85-3
752641-88-6	752641-90-0	752641-92-2	752641-94-4	752641-97-7
752641-99-9	752642-01-6	752642-04-9	752642-06-1	752642-08-3
752642-10-7	752642-12-9	752642-15-2	752642-17-4	752642-19-6
752642-22-1	752642-24-3	752642-26-5	752642-28-7	752642-31-2
752642-33-4	752642-35-6	752642-38-9	752642-43-6	752642-45-8
752642-47-0	752642-50-5	752642-52-7	752642-54-9	752642-56-1
752642-59-4	752642-61-8	752642-63-0	752642-65-2	752642-68-5
752642-71-0	752642-74-3	752642-76-5	752642-79-8	752642-81-2
752642-83-4	752642-85-6	752642-87-8	752642-89-0	752642-92-5
752642-94-7	752642-96-9	752642-98-1	752643-01-9	752643-03-1
752643-05-3	752643-07-5	752643-10-0	752643-12-2	752643-14-4
752643-16-6	752643-19-9	752643-21-3	752643-23-5	752643-25-7
752643-28-0	752643-30-4	752643-32-6	752643-34-8	752643-36-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752643-38-2	752643-40-6	752643-43-9	752643-45-1	752643-47-3
	752643-49-5	752643-52-0	752643-54-2	752643-56-4	752643-58-6
	752643-61-1	752643-64-4	752643-66-6	752643-68-8	752643-70-2
	752643-73-5	752643-75-7	752643-77-9	752643-81-5	752643-83-7
	752643-85-9	752643-88-2	752643-90-6	752643-92-8	752643-94-0
	752643-96-2	752643-99-5	752644-01-2	752644-03-4	752644-05-6
	752644-08-9	752644-10-3	752644-12-5	752644-14-7	752644-16-9
	752644-19-2	752644-21-6	752644-23-8	752644-26-1	752644-28-3
	752644-30-7	752644-32-9	752644-34-1	752644-36-3	752644-39-6
	752644-41-0	752644-43-2	752644-45-4	752644-48-7	752644-50-1
	752644-52-3	752644-54-5	752644-57-8	752644-60-3	752644-62-5
	752644-64-7	752644-66-9	752644-69-2	752644-71-6	752644-73-8
	752644-75-0	752644-78-3	752644-80-7	752644-82-9	752644-84-1
	752644-86-3	752644-88-5	752644-91-0	752644-93-2	752644-95-4
	752644-97-6	752645-00-4	752645-02-6	752645-04-8	752645-06-0
	752645-08-2	752645-11-7	752645-13-9	752645-17-3	752645-19-5
	752645-22-0	752645-23-1	752645-25-3	752645-27-5	752645-29-7
	752645-32-2	752645-34-4	752645-36-6	752645-38-8	752645-39-9
	752645-41-3	752645-43-5	752645-46-8	752645-49-1	752645-51-5

752645-53-7	752645-55-9	752645-58-2	752645-60-6	752645-62-8
752645-64-0	752645-67-3	752645-69-5	752645-71-9	752645-73-1
752645-76-4	752645-78-6	752645-80-0	752645-82-2	752645-84-4
752645-87-7	752645-89-9	752645-91-3	752645-93-5	752645-96-8
752645-98-0	752646-00-7	752646-02-9	752646-04-1	752646-07-4
752646-09-6	752646-11-0	752646-13-2	752646-15-4	752646-17-6
752646-20-1	752646-22-3	752646-24-5	752646-26-7	752646-29-0
752646-31-4	752646-33-6	752646-35-8	752646-38-1	752646-41-6
752646-43-8	752646-45-0	752646-47-2	752646-49-4	752646-52-9
752646-54-1	752646-56-3	752646-58-5	752646-60-9	752646-63-2
752646-65-4	752646-67-6	752646-69-8	752646-72-3	752646-74-5
752646-76-7	752646-78-9	752646-80-3	752646-82-5	752646-85-8
752646-87-0	752646-89-2	752646-91-6	752646-94-9	752646-96-1
752646-98-3	752647-00-0	752647-02-2	752647-04-4	752647-06-6
752647-08-8	752647-11-3	752647-13-5	752647-15-7	752647-17-9
752647-20-4	752647-22-6	752647-24-8	752647-27-1	752647-29-3
752647-31-7	752647-33-9	752647-36-2	752647-38-4	752647-40-8
752647-42-0	752647-45-3	752647-47-5	752647-49-7	752647-52-2
752647-54-4	752647-56-6	752647-58-8	752647-61-3	752647-63-5
752647-65-7	752647-67-9	752647-69-1	752647-71-5	752647-74-8
752647-76-0	752647-78-2	752647-80-6	752647-82-8	752647-85-1
752647-87-3	752647-89-5	752647-91-9	752647-93-1	752647-95-3
752647-99-7	752648-01-4	752648-03-6	752648-05-8	752648-08-1
752648-10-5	752648-12-7	752648-15-0	752648-17-2	752648-19-4
752648-21-8	752648-24-1	752648-26-3	752648-28-5	752648-30-9
752648-33-2	752648-35-4	752648-37-6	752648-39-8	752648-41-2
752648-44-5	752648-46-7	752648-48-9	752648-50-3	752648-52-5
752648-55-8	752648-57-0	752648-59-2	752648-61-6	752648-63-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752648-65-0	752648-68-3	752648-70-7	752648-72-9	752648-74-1
	752648-76-3	752648-78-5	752648-80-9	752648-82-1	752648-84-3
	752648-87-6	752648-89-8	752648-91-2	752648-93-4	752648-95-6
	752648-98-9	752649-00-6	752649-03-9	752649-05-1	752649-07-3
	752649-09-5	752649-12-0	752649-14-2	752649-16-4	752649-18-6
	752649-20-0	752649-24-4	752649-26-6	752649-28-8	752649-30-2
	752649-32-4	752649-34-6	752649-37-9	752649-39-1	752649-41-5
	752649-43-7	752649-45-9	752649-48-2	752649-50-6	752649-52-8
	752649-55-1	752649-57-3	752649-59-5	752649-61-9	752649-63-1
	752649-65-3	752649-67-5	752649-69-7	752649-71-1	752649-73-3
	752649-76-6	752649-78-8	752649-80-2	752649-82-4	752649-84-6
	752649-87-9	752649-89-1	752649-91-5	752649-93-7	752649-96-0
	752649-98-2	752650-00-3	752650-02-5	752650-04-7	752650-06-9
	752650-09-2	752650-11-6	752650-13-8	752650-15-0	752650-17-2
	752650-19-4	752650-22-9	752650-24-1	752650-26-3	752650-28-5
	752650-30-9	752650-32-1	752650-34-3	752650-36-5	752650-39-8
	752650-41-2	752650-43-4	752650-45-6	752650-47-8	752650-49-0
	752650-51-4	752650-53-6	752650-55-8	752650-57-0	752650-60-5
	752650-62-7	752650-64-9	752650-66-1	752650-68-3	752650-71-8
	752650-74-1	752650-76-3	752650-78-5	752650-80-9	752650-82-1
	752650-83-2	752650-84-3	752650-85-4	752650-87-6	752650-88-7
	752650-89-8	752650-90-1	752650-92-3	752650-93-4	752650-94-5
	752650-95-6	752650-96-7	752650-99-0	752651-01-7	752651-03-9
	752651-05-1	752651-07-3	752651-09-5	752651-11-9	752651-14-2
	752651-15-3	752651-17-5	752651-19-7	752651-21-1	752651-23-3
	752651-25-5	752651-27-7	752651-30-2	752651-32-4	752651-34-6
	752651-35-7	752651-36-8	752651-38-0	752651-40-4	752651-43-7
	752651-45-9	752651-47-1	752651-49-3	752651-51-7	752651-53-9
	752651-56-2	752651-58-4	752651-60-8	752651-62-0	752651-64-2
	752651-66-4	752651-68-6	752651-71-1	752651-73-3	752651-75-5
	752651-77-7	752651-79-9	752651-81-3	752651-83-5	752651-85-7
	752651-88-0	752651-90-4	752651-92-6	752651-94-8	752651-96-0
	752651-98-2	752652-00-9	752652-02-1	752652-04-3	752652-07-6
	752652-09-8	752652-11-2	752652-13-4	752652-15-6	752652-17-8

752652-19-0	752652-22-5	752652-24-7	752652-26-9	752652-29-2
752652-31-6	752652-33-8	752652-35-0	752652-37-2	752652-40-7
752652-42-9	752652-44-1	752652-46-3	752652-48-5	752652-50-9
752652-52-1	752652-54-3	752652-56-5	752652-59-8	752652-61-2
752652-63-4	752652-65-6	752652-67-8	752652-69-0	752652-71-4
752652-74-7	752652-76-9	752652-78-1	752652-80-5	752652-82-7
752652-84-9	752652-86-1	752652-88-3	752652-90-7	752652-93-0
752652-95-2	752652-97-4	752652-99-6	752653-01-3	752653-03-5
752653-06-8	752653-08-0	752653-10-4	752653-12-6	752653-15-9
752653-17-1	752653-19-3	752653-21-7	752653-23-9	752653-25-1
752653-28-4	752653-30-8	752653-32-0	752653-34-2	752653-36-4
752653-38-6	752653-41-1	752653-43-3	752653-45-5	752653-47-7
752653-49-9	752653-51-3	752653-54-6	752653-56-8	752653-58-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752653-60-4	752653-63-7	752653-64-8	752653-65-9	752653-68-2
	752653-70-6	752653-72-8	752653-74-0	752653-76-2	752653-78-4
	752653-80-8	752653-82-0	752653-85-3	752653-87-5	752653-89-7
	752653-91-1	752653-94-4	752653-96-6	752653-98-8	752654-00-5
	752654-02-7	752654-04-9	752654-06-1	752654-08-3	752654-10-7
	752654-13-0	752654-15-2	752654-17-4	752654-19-6	752654-21-0
	752654-23-2	752654-25-4	752654-27-6	752654-30-1	752654-32-3
	752654-34-5	752654-36-7	752654-38-9	752654-40-3	752654-42-5
	752654-44-7	752654-46-9	752654-48-1	752654-51-6	752654-53-8
	752654-55-0	752654-57-2	752654-59-4	752654-61-8	752654-63-0
	752654-66-3	752654-68-5	752654-71-0	752654-73-2	752654-75-4
	752654-77-6	752654-79-8	752654-81-2	752654-83-4	752654-85-6
	752654-88-9	752654-90-3	752654-92-5	752654-94-7	752654-96-9
	752654-98-1	752655-00-8	752655-02-0	752655-05-3	752655-07-5
	752655-09-7	752655-11-1	752655-13-3	752655-15-5	752655-17-7
	752655-20-2	752655-21-3	752655-23-5	752655-25-7	752655-27-9
	752655-29-1	752655-31-5	752655-33-7	752655-35-9	752655-37-1
	752655-39-3	752655-41-7	752655-44-0	752655-46-2	752655-48-4
	752655-51-9	752655-53-1	752655-55-3	752655-58-6	752655-60-0
	752655-62-2	752655-64-4	752655-66-6	752655-68-8	752655-71-3
	752655-73-5	752655-75-7	752655-77-9	752655-79-1	752655-81-5
	752655-83-7	752655-86-0	752655-88-2	752655-90-6	752655-92-8
	752655-94-0	752655-96-2	752655-98-4	752656-00-1	752656-02-3
	752656-04-5	752656-06-7	752656-09-0	752656-11-4	752656-13-6
	752656-15-8	752656-17-0	752656-19-2	752656-22-7	752656-24-9
	752656-26-1	752656-28-3	752656-30-7	752656-32-9	752656-34-1
	752656-36-3	752656-38-5	752656-41-0	752656-43-2	752656-45-4
	752656-47-6	752656-49-8	752656-51-2	752656-53-4	752656-55-6
	752656-57-8	752656-59-0	752656-62-5	752656-64-7	752656-66-9
	752656-68-1	752656-70-5	752656-72-7	752656-74-9	752656-76-1
	752656-78-3	752656-80-7	752656-82-9	752656-84-1	752656-87-4
	752656-89-6	752656-91-0	752656-93-2	752656-95-4	752656-97-6
	752657-00-4	752657-02-6	752657-04-8	752657-06-0	752657-09-3
	752657-11-7	752657-14-0	752657-16-2	752657-18-4	752657-20-8
	752657-22-0	752657-24-2	752657-26-4	752657-28-6	752657-30-0
	752657-32-2	752657-34-4	752657-37-7	752657-39-9	752657-41-3
	752657-43-5	752657-45-7	752657-47-9	752657-49-1	752657-50-4
	752657-52-6	752657-55-9	752657-57-1	752657-59-3	752657-61-7
	752657-63-9	752657-65-1	752657-67-3	752657-69-5	752657-72-0
	752657-74-2	752657-76-4	752657-78-6	752657-80-0	752657-83-3
	752657-85-5	752657-87-7	752657-89-9	752657-91-3	752657-93-5
	752657-95-7	752657-97-9	752657-99-1	752658-01-8	752658-03-0
	752658-06-3	752658-08-5	752658-10-9	752658-12-1	752658-14-3
	752658-16-5	752658-18-7	752658-20-1	752658-22-3	752658-24-5
	752658-26-7	752658-28-9	752658-30-3	752658-32-5	752658-34-7
	752658-36-9	752658-38-1	752658-41-6	752658-43-8	752658-45-0
	752658-47-2	752658-49-4	752658-51-8	752658-55-2	752658-57-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)					
IT	752658-59-6	752658-61-0	752658-63-2	752658-65-4	752658-67-6
	752658-70-1	752658-72-3	752658-74-5	752658-76-7	752658-78-9
	752658-80-3	752658-82-5	752658-84-7	752658-87-0	752658-89-2
	752658-91-6	752658-93-8	752658-95-0	752658-97-2	752658-99-4
	752659-01-1	752659-03-3	752659-05-5	752659-07-7	752659-09-9
	752659-11-3	752659-13-5	752659-15-7	752659-17-9	752659-20-4
	752659-22-6	752659-24-8	752659-26-0	752659-29-3	752659-31-7
	752659-33-9	752659-35-1	752659-37-3	752659-39-5	752659-41-9
	752659-43-1	752659-45-3	752659-47-5	752659-49-7	752659-51-1
	752659-53-3	752659-56-6	752659-58-8	752659-60-2	752659-62-4
	752659-64-6	752659-66-8	752659-68-0	752659-70-4	752659-72-6
	752659-74-8	752659-76-0	752659-78-2	752659-80-6	752659-82-8
	752659-84-0	752659-86-2	752659-88-4	752659-90-8	752659-93-1
	752659-95-3	752659-97-5	752660-00-7	752660-02-9	752660-04-1
	752660-06-3	752660-08-5	752660-10-9	752660-12-1	752660-14-3
	752660-16-5	752660-19-8	752660-21-2	752660-23-4	752660-25-6
	752660-27-8	752660-29-0	752660-31-4	752660-33-6	752660-35-8
	752660-37-0	752660-40-5	752660-42-7	752660-44-9	752660-46-1
	752660-48-3	752660-50-7	752660-51-8	752660-53-0	752660-56-3
	752660-58-5	752660-60-9	752660-62-1	752660-64-3	752660-66-5
	752660-68-7	752660-70-1	752660-73-4	752660-75-6	752660-77-8
	752660-79-0	752660-81-4	752660-83-6	752660-85-8	752660-88-1
	752660-90-5	752660-92-7	752660-94-9	752660-96-1	752660-98-3
	752661-00-0	752661-02-2	752661-04-4	752661-06-6	752661-09-9
	752661-11-3	752661-13-5	752661-15-7	752661-17-9	752661-19-1
	752661-20-4	752661-21-5	752661-22-6	752661-23-7	752661-24-8
	752661-25-9	752661-26-0	752661-27-1	752661-28-2	752661-31-7
	752661-33-9	752661-35-1	752661-37-3	752661-39-5	752661-41-9
	752661-44-2	752661-46-4	752661-48-6	752661-50-0	752661-52-2
	752661-54-4	752661-56-6	752661-58-8	752661-60-2	752661-62-4
	752661-64-6	752661-66-8	752661-68-0	752661-70-4	752661-72-6
	752661-76-0	752661-78-2	752661-80-6	752661-82-8	752661-84-0
	752661-86-2	752661-88-4	752661-90-8	752661-92-0	752661-94-2
	752661-96-4	752661-98-6	752662-00-3	752662-02-5	752662-04-7
	752662-06-9	752662-09-2	752662-11-6	752662-13-8	752662-15-0
	752662-17-2	752662-20-7	752662-22-9	752662-24-1	752662-26-3
	752662-28-5	752662-30-9	752662-33-2	752662-35-4	752662-37-6
	752662-39-8	752662-41-2	752662-43-4	752662-45-6	752662-47-8
	752662-49-0	752662-51-4	752662-53-6	752662-55-8	752662-57-0
	752662-59-2	752662-61-6	752662-63-8	752662-65-0	752662-68-3
	752662-69-4	752662-72-9	752662-74-1	752662-76-3	752662-78-5
	752662-80-9	752662-82-1	752662-84-3	752662-85-4	752662-86-5
	752662-89-8	752662-91-2	752662-93-4	752662-95-6	752662-97-8
	752662-99-0	752663-02-8	752663-04-0	752663-06-2	752663-08-4
	752663-10-8	752663-12-0	752663-14-2	752663-17-5	752663-19-7
	752663-21-1	752663-23-3	752663-25-5	752663-27-7	752663-29-9
	752663-31-3	752663-33-5	752663-35-7	752663-37-9	752663-39-1
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)					
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)					
IT	752663-41-5	752663-43-7	752663-46-0	752663-48-2	752663-50-6
	752663-52-8	752663-55-1	752663-56-2	752663-59-5	752663-61-9
	752663-64-2	752663-66-4	752663-68-6	752663-70-0	752663-72-2
	752663-74-4	752663-76-6	752663-78-8	752663-80-2	752663-82-4
	752663-84-6	752663-86-8	752663-89-1	752663-91-5	752663-94-8
	752663-96-0	752663-98-2	752664-00-9	752664-02-1	752664-04-3
	752664-06-5	752664-08-7	752664-10-1	752664-13-4	752664-15-6
	752664-17-8	752664-19-0	752664-21-4	752664-24-7	752664-26-9
	752664-28-1	752664-30-5	752664-32-7	752664-34-9	752664-36-1
	752664-38-3	752664-40-7	752664-42-9	752664-44-1	752664-48-5
	752664-50-9	752664-52-1	752664-54-3	752664-55-4	752664-57-6
	752664-59-8	752664-61-2	752664-63-4	752664-65-6	752664-67-8
	752664-69-0	752664-71-4	752664-73-6	752664-75-8	752664-77-0

752664-79-2	752664-82-7	752664-84-9	752664-86-1	752664-88-3
752664-90-7	752664-92-9	752664-94-1	752664-96-3	752664-98-5
752665-00-2	752665-02-4	752665-05-7	752665-07-9	752665-09-1
752665-10-4	752665-13-7	752665-15-9	752665-17-1	752665-19-3
752665-21-7	752665-23-9	752665-25-1	752665-27-3	752665-29-5
752665-31-9	752665-33-1	752665-35-3	752665-37-5	752665-39-7
752665-41-1	752665-43-3	752665-45-5	752665-47-7	752665-50-2
752665-52-4	752665-54-6	752665-56-8	752665-58-0	752665-60-4
752665-62-6	752665-64-8	752665-66-0	752665-68-2	752665-70-6
752665-72-8	752665-74-0	752665-76-2	752665-79-5	752665-81-9
752665-83-1	752665-86-4	752665-88-6	752665-90-0	752665-92-2
752665-94-4	752665-96-6	752665-98-8	752666-00-5	752666-02-7
752666-04-9	752666-06-1	752666-08-3	752666-10-7	752666-12-9
752666-14-1	752666-16-3	752666-19-6	752666-21-0	752666-23-2
752666-25-4	752666-27-6	752666-29-8	752666-31-2	752666-33-4
752666-35-6	752666-37-8	752666-39-0	752666-42-5	752666-44-7
752666-46-9	752666-48-1	752666-50-5	752666-52-7	752666-54-9
752666-56-1	752666-58-3	752666-60-7	752666-62-9	752666-64-1
752666-66-3	752666-68-5	752666-70-9	752666-72-1	752666-74-3
752666-76-5	752666-78-7	752666-80-1	752666-82-3	752666-84-5
752666-87-8	752666-89-0	752666-91-4	752666-93-6	752666-95-8
752666-97-0	752666-99-2	752667-01-9	752667-03-1	752667-05-3
752667-07-5	752667-09-7	752667-12-2	752667-14-4	752667-16-6
752667-19-9	752667-21-3	752667-23-5	752667-25-7	752667-27-9
752667-29-1	752667-31-5	752667-33-7	752667-35-9	752667-37-1
752667-39-3	752667-41-7	752667-43-9	752667-45-1	752667-47-3
752667-49-5	752667-52-0	752667-54-2	752667-56-4	752667-58-6
752667-60-0	752667-62-2	752667-64-4	752667-66-6	752667-68-8
752667-70-2	752667-72-4	752667-74-6	752667-76-8	752667-78-0
752667-80-4	752667-83-7	752667-85-9	752667-87-1	752667-89-3
752667-91-7	752667-93-9	752667-95-1	752667-97-3	752667-99-5
752668-01-2	752668-03-4	752668-05-6	752668-07-8	752668-09-0
752668-11-4	752668-13-6	752668-15-8	752668-17-0	752668-20-5
752668-22-7	752668-24-9	752668-26-1	752668-28-3	752668-30-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752668-32-9	752668-34-1	752668-36-3	752668-38-5	752668-40-9
	752668-42-1	752668-44-3	752668-46-5	752668-48-7	752668-50-1
	752668-52-3	752668-54-5	752668-56-7	752668-58-9	752668-60-3
	752668-62-5	752668-64-7	752668-67-0	752668-68-1	752668-70-5
	752668-72-7	752668-74-9	752668-76-1	752668-78-3	752668-81-8
	752668-83-0	752668-85-2	752668-87-4	752668-89-6	752668-91-0
	752668-93-2	752668-96-5	752668-98-7	752669-00-4	752669-02-6
	752669-04-8	752669-06-0	752669-08-2	752669-10-6	752669-12-8
	752669-14-0	752669-16-2	752669-18-4	752669-20-8	752669-22-0
	752669-24-2	752669-26-4	752669-28-6	752669-30-0	752669-33-3
	752669-34-4	752669-36-6	752669-39-9	752669-41-3	752669-43-5
	752669-45-7	752669-47-9	752669-49-1	752669-51-5	752669-53-7
	752669-55-9	752669-57-1	752669-59-3	752669-61-7	752669-63-9
	752669-66-2	752669-68-4	752669-70-8	752669-72-0	752669-74-2
	752669-76-4	752669-78-6	752669-80-0	752669-82-2	752669-84-4
	752669-86-6	752669-88-8	752669-91-3	752669-93-5	752669-95-7
	752669-97-9	752669-98-0	752670-00-1	752670-02-3	752670-05-6
	752670-07-8	752670-09-0	752670-11-4	752670-13-6	752670-15-8
	752670-17-0	752670-19-2	752670-21-6	752670-23-8	752670-25-0
	752670-27-2	752670-29-4	752670-31-8	752670-33-0	752670-36-3
	752670-38-5	752670-40-9	752670-42-1	752670-44-3	752670-46-5
	752670-48-7	752670-50-1	752670-52-3	752670-54-5	752670-56-7
	752670-58-9	752670-60-3	752670-62-5	752670-64-7	752670-66-9
	752670-68-1	752670-70-5	752670-72-7	752670-74-9	752670-76-1
	752670-78-3	752670-81-8	752670-83-0	752670-85-2	752670-87-4
	752670-89-6	752670-91-0	752670-93-2	752670-95-4	752670-97-6
	752670-99-8	752671-01-5	752671-03-7	752671-06-0	752671-08-2
	752671-10-6	752671-12-8	752671-14-0	752671-15-1	752671-17-3

752671-19-5	752671-21-9	752671-23-1	752671-25-3	752671-27-5
752671-29-7	752671-31-1	752671-33-3	752671-35-5	752671-37-7
752671-39-9	752671-41-3	752671-44-6	752671-46-8	752671-48-0
752671-50-4	752671-52-6	752671-54-8	752671-56-0	752671-58-2
752671-60-6	752671-62-8	752671-64-0	752671-66-2	752671-68-4
752671-70-8	752671-72-0	752671-74-2	752671-77-5	752671-78-6
752671-80-0	752671-82-2	752671-85-5	752671-87-7	752671-89-9
752671-91-3	752671-93-5	752671-95-7	752671-97-9	752671-99-1
752672-01-8	752672-03-0	752672-05-2	752672-07-4	752672-09-6
752672-11-0	752672-13-2	752672-15-4	752672-17-6	752672-19-8
752672-22-3	752672-24-5	752672-26-7	752672-28-9	752672-30-3
752672-32-5	752672-34-7	752672-36-9	752672-38-1	752672-40-5
752672-42-7	752672-44-9	752672-46-1	752672-48-3	752672-50-7
752672-52-9	752672-54-1	752672-56-3	752672-58-5	752672-60-9
752672-62-1	752672-64-3	752672-66-5	752672-69-8	752672-71-2
752672-73-4	752672-74-5	752672-76-7	752672-78-9	752672-80-3
752672-82-5	752672-84-7	752672-86-9	752672-88-1	752672-89-2
752672-91-6	752672-93-8	752672-95-0	752672-97-2	752672-99-4
752673-01-1	752673-03-3	752673-05-5	752673-07-7	752673-09-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 752673-11-3	752673-13-5	752673-15-7	752673-17-9	752673-19-1
752673-21-5	752673-23-7	752673-25-9	752673-27-1	752673-29-3
752673-31-7	752673-33-9	752673-35-1	752673-37-3	752673-39-5
752673-41-9	752673-43-1	752673-45-3	752673-47-5	752673-50-0
752673-52-2	752673-54-4	752673-56-6	752673-58-8	752673-60-2
752673-62-4	752673-64-6	752673-66-8	752673-68-0	752673-70-4
752673-72-6	752673-74-8	752673-76-0	752673-78-2	752673-80-6
752673-82-8	752673-84-0	752673-86-2	752673-88-4	752673-90-8
752673-92-0	752673-94-2	752673-96-4	752673-98-6	752674-00-3
752674-02-5	752674-04-7	752674-07-0	752674-08-1	752674-11-6
752674-13-8	752674-15-0	752674-17-2	752674-19-4	752674-21-8
752674-23-0	752674-25-2	752674-27-4	752674-29-6	752674-31-0
752674-33-2	752674-35-4	752674-37-6	752674-39-8	752674-40-1
752674-42-3	752674-44-5	752674-46-7	752674-48-9	752674-50-3
752674-52-5	752674-55-8	752674-57-0	752674-59-2	752674-61-6
752674-63-8	752674-65-0	752674-67-2	752674-69-4	752674-71-8
752674-73-0	752674-76-3	752674-78-5	752674-80-9	752674-82-1
752674-84-3	752674-86-5	752674-88-7	752674-90-1	752674-92-3
752674-94-5	752674-97-8	752674-99-0	752675-00-6	752675-02-8
752675-04-0	752675-06-2	752675-08-4	752675-10-8	752675-12-0
752675-15-3	752675-17-5	752675-19-7	752675-21-1	752675-23-3
752675-25-5	752675-27-7	752675-29-9	752675-31-3	752675-33-5
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752675-45-9	752675-47-1	752675-49-3	752675-51-7	752675-53-9
752675-55-1	752675-57-3	752675-59-5	752675-61-9	752675-63-1
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752676-05-4	752676-08-7	752676-10-1	752676-12-3	752676-14-5
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752676-37-2	752676-39-4	752676-41-8	752676-43-0	752676-45-2
752676-47-4	752676-49-6	752676-51-0	752676-53-2	752676-55-4
752676-57-6	752676-59-8	752676-61-2	752676-63-4	752676-65-6
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752677-08-0	752677-10-4	752677-12-6	752677-14-8	752677-16-0
752677-18-2	752677-20-6	752677-22-8	752677-24-0	752677-25-1
752677-27-3	752677-29-5	752677-31-9	752677-33-1	752677-36-4
752677-38-6	752677-40-0	752677-42-2	752677-43-3	752677-45-5

752677-47-7 752677-49-9 752677-51-3 752677-53-5 752677-56-8
 752677-58-0 752677-60-4 752677-62-6 752677-64-8 752677-66-0
 752677-68-2 752677-70-6 752677-72-8 752677-74-0 752677-76-2
 752677-78-4 752677-80-8 752677-82-0 752677-84-2 752677-86-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 752677-88-6 752677-90-0 752677-92-2 752677-94-4 752677-96-6
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 752678-08-3 752678-10-7 752678-12-9 752678-14-1 752678-16-3
 752678-18-5 752678-20-9 752678-22-1 752678-24-3 752678-26-5
 752678-28-7 752678-30-1 752678-32-3 752678-34-5 752678-36-7
 752678-38-9 752678-40-3 752678-42-5 752678-44-7 752678-46-9
 752678-48-1 752678-50-5 752678-52-7 752678-54-9 752678-56-1
 752678-58-3 752678-60-7 752678-62-9 752678-64-1 752678-66-3
 752678-68-5 752678-70-9 752678-72-1 752678-74-3 752678-76-5
 752678-78-7 752678-80-1 752678-82-3 752678-84-5 752678-86-7
 752678-88-9 752678-90-3 752678-92-5 752678-94-7 752678-96-9
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 752679-09-7 752679-11-1 752679-13-3 752679-15-5 752679-17-7
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 752679-28-0 752679-30-4 752679-33-7 752679-35-9 752679-37-1
 752679-39-3 752679-41-7 752679-43-9 752679-45-1 752679-47-3
 752679-49-5 752679-51-9 752679-53-1 752679-55-3 752679-57-5
 752679-59-7 752679-61-1 752679-63-3 752679-65-5 752679-67-7
 752679-69-9 752679-71-3 752679-73-5 752679-75-7
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 752679-97-3 752679-99-5 752680-01-6 752680-03-8 752680-05-0
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 752680-17-4 752680-19-6 752680-20-9 752680-21-0 752680-22-1
 752680-23-2 752680-24-3 752680-25-4 752680-27-6 752680-29-8
 752680-31-2 752680-32-3 752680-34-5 752680-36-7 752680-38-9
 752680-40-3 752680-43-6 752680-45-8 752680-47-0 752680-49-2
 752680-51-6 752680-53-8 752680-55-0 752680-57-2 752680-59-4
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 752680-81-2 752680-83-4 752680-85-6 752680-87-8 752680-89-0
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 752681-01-9 752681-03-1 752681-05-3 752681-07-5 752681-09-7
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 752681-31-5 752681-33-7 752681-35-9 752681-37-1 752681-39-3
 752681-41-7 752681-43-9 752681-45-1 752681-47-3 752681-49-5
 752681-51-9 752681-53-1 752681-55-3 752681-57-5 752681-59-7
 752681-61-1 752681-63-3 752681-65-5 752681-67-7 752681-69-9
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 752681-81-5 752681-83-7 752681-85-9 752681-87-1 752681-88-2
 752681-89-3 752681-91-7 752681-93-9 752681-95-1 752681-97-3
 752681-99-5 752682-01-2 752682-03-4 752682-05-6 752682-07-8
 752682-09-0 752682-11-4 752682-13-6 752682-15-8 752682-17-0
 752682-19-2 752682-21-6 752682-23-8 752682-25-0 752682-28-3
 752682-30-7 752682-32-9 752682-34-1 752682-36-3 752682-38-5
 752682-40-9 752682-42-1 752682-44-3 752682-46-5 752682-48-7
 752682-50-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 752682-52-3 752682-54-5 752682-56-7 752682-58-9 752682-59-0
 752682-61-4 752682-63-6 752682-65-8 752682-67-0 752682-70-5
 752682-72-7 752682-74-9 752682-75-0 752682-77-2 752682-79-4
 752682-81-8 752682-84-1 752682-86-3 752682-88-5 752682-90-9
 752682-92-1 752682-94-3 752682-96-5 752682-98-7 752683-00-4
 752683-02-6 752683-04-8 752683-06-0 752683-08-2 752683-10-6

752683-12-8	752683-13-9	752683-15-1	752683-17-3	752683-19-5
752683-22-0	752683-24-2	752683-26-4	752683-28-6	752683-30-0
752683-32-2	752683-34-4	752683-36-6	752683-37-7	752683-39-9
752683-41-3	752683-43-5	752683-45-7	752683-47-9	752683-49-1
752683-51-5	752683-54-8	752683-56-0	752683-58-2	752683-60-6
752683-62-8	752683-64-0	752683-66-2	752683-68-4	752683-70-8
752683-72-0	752683-74-2	752683-76-4	752683-79-7	752683-81-1
752683-83-3	752683-85-5	752683-87-7	752683-88-8	752683-90-2
752683-92-4	752683-94-6	752683-96-8	752683-98-0	752684-00-7
752684-02-9	752684-04-1	752684-06-3	752684-08-5	752684-10-9
752684-12-1	752684-14-3	752684-16-5	752684-18-7	752684-20-1
752684-22-3	752684-24-5	752684-26-7	752684-28-9	752684-30-3
752684-32-5	752684-34-7	752684-36-9	752684-38-1	752684-40-5
752684-42-7	752684-44-9	752684-47-2	752684-49-4	752684-51-8
752684-53-0	752684-55-2	752684-57-4	752684-59-6	752684-61-0
752684-63-2	752684-65-4	752684-67-6	752684-69-8	752684-71-2
752684-73-4	752684-75-6	752684-77-8	752684-79-0	752684-80-3
752684-83-6	752684-85-8	752684-87-0	752684-89-2	752684-91-6
752684-93-8	752684-95-0	752684-97-2	752684-99-4	752685-01-1
752685-03-3	752685-05-5	752685-07-7	752685-09-9	752685-10-2
752685-12-4	752685-14-6	752685-16-8	752685-18-0	752685-20-4
752685-22-6	752685-24-8	752685-26-0	752685-28-2	752685-30-6
752685-32-8	752685-34-0	752685-38-4	752685-40-8	752685-42-0
752685-44-2	752685-46-4	752685-48-6	752685-50-0	752685-52-2
752685-54-4	752685-56-6	752685-58-8	752685-60-2	752685-62-4
752685-64-6	752685-66-8	752685-68-0	752685-70-4	752685-72-6
752685-74-8	752685-76-0	752685-78-2	752685-80-6	752685-82-8
752685-84-0	752685-86-2	752685-88-4	752685-90-8	752685-92-0
752685-94-2	752685-96-4	752685-98-6	752686-00-3	752686-02-5
752686-04-7	752686-06-9	752686-08-1	752686-10-5	752686-12-7
752686-14-9	752686-16-1	752686-18-3	752686-20-7	752686-22-9
752686-24-1	752686-26-3	752686-28-5	752686-30-9	752686-32-1
752686-34-3	752686-36-5	752686-37-6	752686-39-8	752686-41-2
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752686-54-7	752686-55-8	752686-56-9	752686-58-1	752686-60-5
752686-62-7	752686-64-9	752686-66-1	752686-68-3	752686-70-7
752686-72-9	752686-74-1	752686-76-3	752686-78-5	752686-80-9
752686-82-1	752686-84-3	752686-86-5	752686-88-7	752686-89-8
752686-91-2	752686-93-4	752686-95-6	752686-98-9	752687-00-6
752687-02-8	752687-04-0	752687-06-2	752687-08-4	752687-10-8
752687-12-0	752687-14-2	752687-16-4	752687-18-6	752687-20-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752687-22-2	752687-24-4	752687-26-6	752687-28-8	752687-30-2
	752687-32-4	752687-34-6	752687-36-8	752687-38-0	752687-40-4
	752687-42-6	752687-43-7	752687-45-9	752687-47-1	752687-49-3
	752687-52-8	752687-54-0	752687-56-2	752687-58-4	752687-59-5
	752687-61-9	752687-63-1	752687-65-3	752687-67-5	752687-69-7
	752687-71-1	752687-73-3	752687-75-5	752687-77-7	752687-79-9
	752687-81-3	752687-83-5	752687-85-7	752687-87-9	752687-89-1
	752687-91-5	752687-93-7	752687-95-9	752687-97-1	752687-99-3
	752688-01-0	752688-03-2	752688-05-4	752688-07-6	752688-09-8
	752688-11-2	752688-13-4	752688-16-7	752688-18-9	752688-20-3
	752688-22-5	752688-23-6	752688-25-8	752688-27-0	752688-29-2
	752688-31-6	752688-33-8	752688-35-0	752688-37-2	752688-40-7
	752688-42-9	752688-44-1	752688-46-3	752688-48-5	752688-49-6
	752688-51-0	752688-53-2	752688-56-5	752688-58-7	752688-60-1
	752688-62-3	752688-64-5	752688-66-7	752688-68-9	752688-70-3
	752688-72-5	752688-74-7	752688-76-9	752688-78-1	752688-80-5
	752688-82-7	752688-84-9	752688-86-1	752688-88-3	752688-90-7
	752688-92-9	752688-94-1	752688-96-3	752688-98-5	752689-00-2
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	752689-12-6	752689-14-8	752689-16-0	752689-18-2	752689-20-6
	752689-22-8	752689-24-0	752689-26-2	752689-28-4	752689-30-8

752689-32-0	752689-34-2	752689-36-4	752689-38-6	752689-40-0
752689-42-2	752689-44-4	752689-46-6	752689-48-8	752689-50-2
752689-52-4	752689-54-6	752689-55-7	752689-57-9	752689-59-1
752689-62-6	752689-64-8	752689-66-0	752689-68-2	752689-70-6
752689-72-8	752689-74-0	752689-76-2	752689-78-4	752689-80-8
752689-82-0	752689-84-2	752689-86-4	752689-87-5	752689-89-7
752689-91-1	752689-93-3	752689-95-5	752689-97-7	752689-99-9
752690-00-9	752690-01-0	752690-03-2	752690-05-4	752690-07-6
752690-09-8	752690-11-2	752690-13-4	752690-15-6	752690-17-8
752690-19-0	752690-21-4	752690-23-6	752690-25-8	752690-27-0
752690-29-2	752690-31-6	752690-33-8	752690-35-0	
752690-37-2	752690-39-4	752690-41-8	752690-43-0	752690-45-2
752690-47-4	752690-49-6	752690-51-0	752690-53-2	752690-55-4
752690-57-6	752690-59-8	752690-61-2	752690-63-4	752690-65-6
752690-67-8	752690-69-0	752690-71-4	752690-74-7	752690-76-9
752690-78-1	752690-80-5	752690-81-6	752690-83-8	752690-85-0
752690-87-2	752690-89-4	752690-91-8	752690-93-0	752690-95-2
752690-97-4	752690-99-6	752691-01-3	752691-03-5	752691-05-7
752691-07-9	752691-08-0	752691-10-4	752691-12-6	752691-15-9
752691-17-1	752691-18-2	752691-20-6	752691-22-8	752691-24-0
752691-26-2	752691-28-4	752691-30-8	752691-32-0	752691-34-2
752691-36-4	752691-38-6	752691-40-0	752691-42-2	752691-44-4
752691-46-6	752691-48-8	752691-50-2	752691-52-4	752691-54-6
752691-56-8	752691-58-0	752691-60-4	752691-62-6	752691-63-7
752691-66-0	752691-68-2	752691-70-6	752691-72-8	752691-74-0
752691-76-2	752691-78-4	752691-80-8	752691-82-0	752691-84-2
752691-86-4				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752691-88-6	752691-90-0	752691-92-2	752691-94-4	752691-96-6
	752691-98-8	752692-00-5	752692-02-7	752692-04-9	752692-06-1
	752692-07-2	752692-09-4	752692-11-8	752692-13-0	752692-15-2
	752692-17-4	752692-19-6	752692-21-0	752692-23-2	752692-25-4
	752692-27-6	752692-29-8	752692-31-2	752692-33-4	752692-35-6
	752692-37-8	752692-39-0	752692-41-4	752692-43-6	752692-45-8
	752692-47-0	752692-49-2	752692-51-6	752692-53-8	752692-55-0
	752692-57-2	752692-59-4	752692-61-8	752692-63-0	752692-65-2
	752692-67-4	752692-69-6	752692-71-0	752692-73-2	752692-75-4
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and

their uses improvement of transgenic plants)

IT 752701-12-5 752701-14-7 752701-16-9 752701-18-1 752701-20-5
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 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 9005-53-2P, Lignin, preparation 11078-30-1P, Galactomannan
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation) (improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved use and/or uptake of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 752625-29-9 752679-71-3 752690-35-0
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

RN 752625-29-9 HCAPLUS
 CN Protein (sorghum clone SORBI-28MAY03-C1356_1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 MGQKHLLELLA CFVWLSCSL LHASDGLLR INLNKKKLDK EALTAAKLAK
 51 ESRLRRSVGA GQYLGASTDD IVPLDNYLDT QYFGEIGIGT PSQNFTVIFD
 101 TGSSNLWVPS SKCYFSIACY LHHRYKSTKS KTYKKNDESC TITYGSGQIA
 151 GFFSEDNVLV GNLVVQNNQF IETRETSPPT FIIGKFDGIL GLGFPEISVG
 201 GAPPIWQSMK EQKLVAEDVF SFWLNRDPDA SAGGELVFGG VDPKHYKGNH
 251 TYVPVTRKGY WQFDMGDL LI GGHSTGYCAG GCAAIVDSGT SLLAGPTTIV
 301 AQVNHAIGAE GIISTECKEV VREYGEKXPE LLIAQTSPQK VCT

RN 752679-71-3 HCAPLUS
 CN Protein (sorghum clone LIB3476-019-P1-K1-A8.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 ISMILRTIHS LDSILHLLQL CYCFSILCCI CLEIAIYCIA ASLCYILEAS
 51 YLCPGLDT

RN 752690-35-0 HCAPLUS
 CN Protein (sorghum clone LIB3476-051-P1-K1-H4.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 RDHFTLPASD FVLCPVLDIL VKIDTCASDC GHRAFGHVDS QTSGVSKSFH
 51 DLPLGAWLLA VACLPAACV LASCKLQYTS APCLLGCSPP VQSLLAWASA
 101 VRPVAAYR RRAGLPAAAS PVRCRPAAAR CRWDPVRRVA GIPSAVLLAA
 151 QLSPPFPAAA TPRRAPACRK T

L12 ANSWER 10 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:770716 HCAPLUS

DN 141:237806
 ED Entered STN: 22 Sep 2004
 TI Sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants .
 IN Kovalic, David K.; Zhou, Yihua; Cao, Yongwei
 PA USA
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 850,147, abandoned.
 CODEN: USXXCO
 DT Patent
 LA English
 IC A01H001-00; C12N015-82; C07H021-04; C12N009-24
 INCL 800284000; 435200000; 536023200; 435468000
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 11

FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
PRAI	US 2000-684016	A2	20001010	<--	
	US 2001-850147	B2	20010508		
	US 2004-767701	A	20040129		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004172684	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24
	INCL	800284000; 435200000; 536023200; 435468000
US 2004172684	NCL	800/284.000 <--
US 2004172684	NCL	800/284.000
	ECLA	C07K014/415; C12N015/82 <--

AB Nucleotide sequences are provided for 31,563 nucleic acids in a cDNA library from sorghum tissue. The open reading frame in each recombinant polynucleotide sequence is identified by a combination of predictive and homol. based methods. Functions of polypeptides encoded by the polynucleotide sequences are determined using a hierarchical classification tool, termed FunCAT, for Functional Categories Annotation Tool. Functional assignments from five public classification schemes, GO_BP, GO_CC, GO_MF, KEGG, and EC, and one internal Monsanto classification scheme, POI, are also provided. The disclosed recombinant polynucleotides and recombinant polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of 13 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

ST sorghum cDNA protein sequence plant transformation

IT Stress, plant

(cold, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Cell cycle

(growth rate control by modification of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant

(heat, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Recombination, genetic

(homologous, increased rate of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Growth regulators, plant

RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)

(improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Pathogen

(improved tolerance to; sorghum nucleic acids and encoded proteins and

their uses improvement of transgenic plants)

IT Carbohydrates, biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved use and/or uptake of; sorghum nucleic acids and encoded
 proteins and their uses improvement of transgenic plants)

IT Disease resistance, plant
 Growth and development, plant
 Herbicide resistance
 (improvement of; sorghum nucleic acids and encoded proteins and their
 uses improvement of transgenic plants)

IT Fats and Glyceridic oils, preparation
 Proteins
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP
 (Preparation)
 (modification of yield and/or content of; sorghum nucleic acids and
 encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
 (osmotic, improved tolerance to; sorghum nucleic acids and encoded
 proteins and their uses improvement of transgenic plants)

IT Transcription factors
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP
 (Preparation)
 (plant improvement by; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT Embryophyta
 Protein sequences
 Sorghum bicolor
 Transformation, genetic
 cDNA sequences
 (sorghum nucleic acids and encoded proteins and their uses improvement
 of transgenic plants)

IT Stress, plant
 (water deficiency, improved tolerance to; sorghum nucleic acids and
 encoded proteins and their uses improvement of transgenic plants)

IT Photosynthesis, biological
 (yield improvement by modification of; sorghum nucleic acids and
 encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
 (yield improvement in; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT 752633-71-9 752633-72-0 752633-74-2 752633-76-4 752633-78-6
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

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	752640-02-1	752640-04-3	752640-06-5	752640-07-6	752640-09-8
	752640-11-2	752640-13-4	752640-15-6	752640-16-7	752640-18-9
	752640-20-3	752640-22-5	752640-24-7	752640-25-8	752640-27-0
	752640-29-2	752640-31-6	752640-33-8	752640-34-9	752640-36-1
	752640-38-3	752640-40-7	752640-41-8	752640-43-0	752640-45-2
	752640-46-3	752640-47-4	752640-49-6	752640-51-0	752640-53-2
	752640-55-4	752640-56-5	752640-59-8	752640-61-2	752640-63-4
	752640-64-5	752640-66-7	752640-68-9	752640-70-3	752640-71-4
	752640-73-6	752640-75-8	752640-76-9	752640-78-1	752640-80-5
	752640-81-6	752640-83-8	752640-85-0	752640-87-2	752640-88-3
	752640-90-7	752640-92-9	752640-94-1	752640-96-3	752640-97-4
	752640-99-6	752641-01-3	752641-03-5	752641-04-6	752641-06-8
	752641-08-0	752641-09-1	752641-11-5	752641-12-6	752641-14-8
	752641-16-0	752641-18-2	752641-20-6	752641-22-8	752641-23-9
	752641-25-1	752641-27-3	752641-29-5	752641-31-9	752641-33-1
	752641-34-2	752641-36-4	752641-38-6	752641-40-0	752641-41-1
	752641-43-3	752641-45-5	752641-47-7	752641-49-9	752641-51-3
	752641-53-5	752641-54-6	752641-56-8	752641-58-0	752641-60-4
	752641-61-5	752641-63-7	752641-65-9	752641-67-1	752641-69-3
	752641-70-6	752641-72-8	752641-73-9	752641-75-1	
	752641-77-3	752641-79-5	752641-80-8	752641-82-0	752641-84-2
	752641-86-4	752641-87-5	752641-89-7	752641-91-1	752641-93-3
	752641-95-5	752641-96-6	752641-98-8	752642-00-5	752642-02-7
	752642-03-8	752642-05-0	752642-07-2	752642-09-4	752642-11-8
	752642-13-0	752642-14-1	752642-16-3	752642-18-5	752642-20-9
	752642-21-0	752642-23-2	752642-25-4	752642-27-6	752642-29-8
	752642-30-1	752642-32-3	752642-34-5	752642-36-7	752642-37-8
	752642-39-0	752642-40-3	752642-41-4	752642-42-5	752642-44-7
	752642-46-9	752642-48-1	752642-49-2	752642-51-6	752642-53-8
	752642-55-0	752642-57-2	752642-58-3	752642-60-7	752642-62-9
	752642-64-1	752642-66-3	752642-67-4	752642-69-6	752642-70-9
	752642-72-1	752642-73-2	752642-75-4	752642-77-6	752642-78-7
	752642-80-1	752642-82-3	752642-84-5	752642-86-7	
	752642-88-9	752642-90-3	752642-91-4	752642-93-6	752642-95-8
	752642-97-0	752642-99-2	752643-00-8	752643-02-0	752643-04-2
	752643-06-4	752643-08-6	752643-09-7	752643-11-1	752643-13-3
	752643-15-5	752643-17-7	752643-18-8	752643-20-2	752643-22-4
	752643-24-6	752643-26-8	752643-27-9	752643-29-1	752643-31-5
	752643-33-7	752643-35-9	752643-37-1	752643-39-3	752643-41-7

752643-42-8	752643-44-0	752643-46-2	752643-48-4	752643-50-8
752643-51-9	752643-53-1	752643-55-3	752643-57-5	752643-59-7
752643-60-0	752643-62-2	752643-63-3	752643-65-5	752643-67-7
752643-69-9	752643-71-3	752643-72-4	752643-74-6	752643-76-8
752643-78-0	752643-79-1	752643-80-4	752643-82-6	752643-84-8
752643-86-0	752643-87-1	752643-89-3	752643-91-7	752643-93-9
752643-95-1	752643-97-3			

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752643-98-4	752644-00-1	752644-02-3	752644-04-5	752644-06-7
	752644-07-8	752644-09-0	752644-11-4	752644-13-6	752644-15-8
	752644-17-0	752644-18-1	752644-20-5	752644-22-7	752644-24-9
	752644-25-0	752644-27-2	752644-29-4	752644-31-8	752644-33-0
	752644-35-2	752644-37-4	752644-38-5	752644-40-9	
	752644-42-1	752644-44-3	752644-46-5	752644-47-6	752644-49-8
	752644-51-2	752644-53-4	752644-55-6	752644-56-7	752644-58-9
	752644-59-0	752644-61-4	752644-63-6	752644-65-8	752644-67-0
	752644-68-1	752644-70-5	752644-72-7	752644-74-9	752644-76-1
	752644-77-2	752644-79-4	752644-81-8	752644-83-0	752644-85-2
	752644-87-4	752644-89-6	752644-90-9	752644-92-1	752644-94-3
	752644-96-5	752644-98-7	752644-99-8	752645-01-5	752645-03-7
	752645-05-9	752645-07-1	752645-09-3	752645-10-6	752645-12-8
	752645-14-0	752645-15-1	752645-16-2	752645-18-4	752645-20-8
	752645-21-9	752645-24-2	752645-26-4	752645-28-6	752645-30-0
	752645-31-1	752645-33-3	752645-35-5	752645-37-7	752645-40-2
	752645-42-4	752645-44-6	752645-45-7	752645-47-9	752645-48-0
	752645-50-4	752645-52-6	752645-54-8	752645-56-0	752645-57-1
	752645-59-3	752645-61-7	752645-63-9	752645-65-1	752645-66-2
	752645-68-4	752645-70-8	752645-72-0	752645-74-2	752645-75-3
	752645-77-5	752645-79-7	752645-81-1	752645-83-3	752645-85-5
	752645-86-6	752645-88-8	752645-90-2	752645-92-4	752645-94-6
	752645-95-7	752645-97-9	752645-99-1	752646-01-8	752646-03-0
	752646-05-2	752646-06-3	752646-08-5	752646-10-9	752646-12-1
	752646-14-3	752646-16-5	752646-18-7	752646-19-8	752646-21-2
	752646-23-4	752646-25-6	752646-27-8	752646-28-9	752646-30-3
	752646-32-5	752646-34-7	752646-36-9	752646-37-0	752646-39-2
	752646-40-5	752646-42-7	752646-44-9	752646-46-1	752646-48-3
	752646-50-7	752646-51-8	752646-53-0	752646-55-2	752646-57-4
	752646-59-6	752646-61-0	752646-62-1	752646-64-3	752646-66-5
	752646-68-7	752646-70-1	752646-71-2	752646-73-4	752646-75-6
	752646-77-8	752646-79-0	752646-81-4	752646-83-6	752646-84-7
	752646-86-9	752646-88-1	752646-90-5	752646-92-7	752646-93-8
	752646-95-0	752646-97-2	752646-99-4	752647-01-1	752647-03-3
	752647-05-5	752647-07-7	752647-09-9	752647-10-2	752647-12-4
	752647-14-6	752647-16-8	752647-18-0	752647-19-1	752647-21-5
	752647-23-7	752647-25-9	752647-26-0	752647-28-2	752647-30-6
	752647-32-8	752647-34-0	752647-35-1	752647-37-3	752647-39-5
	752647-41-9	752647-43-1	752647-44-2	752647-46-4	752647-48-6
	752647-50-0	752647-51-1	752647-53-3	752647-55-5	752647-57-7
	752647-59-9	752647-60-2	752647-62-4	752647-64-6	752647-66-8
	752647-68-0	752647-70-4	752647-72-6	752647-73-7	752647-75-9
	752647-77-1	752647-79-3	752647-81-7	752647-83-9	752647-84-0
	752647-86-2	752647-88-4	752647-90-8	752647-92-0	752647-94-2
	752647-96-4	752647-97-5	752647-98-6	752648-00-3	752648-02-5
	752648-04-7	752648-06-9	752648-07-0	752648-09-2	752648-11-6
	752648-13-8	752648-14-9	752648-16-1	752648-18-3	752648-20-7
	752648-22-9				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752648-23-0	752648-25-2	752648-27-4	752648-29-6	752648-31-0
	752648-32-1	752648-34-3	752648-36-5	752648-38-7	752648-40-1
	752648-42-3	752648-43-4	752648-45-6	752648-47-8	752648-49-0

752648-51-4	752648-53-6	752648-54-7	752648-56-9	752648-58-1
752648-60-5	752648-62-7	752648-64-9	752648-66-1	752648-67-2
752648-69-4	752648-71-8	752648-73-0	752648-75-2	752648-77-4
752648-79-6	752648-81-0	752648-83-2	752648-85-4	752648-86-5
752648-88-7	752648-90-1	752648-92-3	752648-94-5	752648-96-7
752648-97-8	752648-99-0	752649-01-7	752649-02-8	752649-04-0
752649-06-2	752649-08-4	752649-10-8	752649-11-9	752649-13-1
752649-15-3	752649-17-5	752649-19-7	752649-21-1	752649-22-2
752649-23-3	752649-25-5	752649-27-7	752649-29-9	752649-31-3
752649-33-5	752649-35-7	752649-36-8	752649-38-0	752649-40-4
752649-42-6	752649-44-8	752649-46-0	752649-47-1	752649-49-3
752649-51-7	752649-53-9	752649-54-0	752649-56-2	752649-58-4
752649-60-8	752649-62-0	752649-64-2	752649-66-4	752649-68-6
752649-70-0	752649-72-2	752649-74-4	752649-75-5	752649-77-7
752649-79-9	752649-81-3	752649-83-5	752649-85-7	752649-86-8
752649-88-0	752649-90-4	752649-92-6	752649-94-8	752649-95-9
752649-97-1	752649-99-3	752650-01-4	752650-03-6	752650-05-8
752650-07-0	752650-08-1	752650-10-5	752650-12-7	
752650-14-9	752650-16-1	752650-18-3	752650-20-7	752650-21-8
752650-23-0	752650-25-2	752650-27-4	752650-29-6	752650-31-0
752650-33-2	752650-35-4	752650-37-6	752650-38-7	752650-40-1
752650-42-3	752650-44-5	752650-46-7	752650-48-9	752650-50-3
752650-52-5	752650-54-7	752650-56-9	752650-58-1	752650-59-2
752650-61-6	752650-63-8	752650-65-0	752650-67-2	752650-69-4
752650-70-7	752650-72-9	752650-73-0	752650-75-2	752650-77-4
752650-79-6	752650-81-0	752650-86-5	752650-91-2	752650-97-8
752650-98-9	752651-00-6	752651-02-8	752651-04-0	752651-06-2
752651-08-4	752651-10-8	752651-12-0	752651-13-1	752651-16-4
752651-18-6	752651-20-0	752651-22-2	752651-24-4	752651-26-6
752651-28-8	752651-29-9	752651-31-3	752651-33-5	752651-37-9
752651-39-1	752651-41-5	752651-42-6	752651-44-8	752651-46-0
752651-48-2	752651-50-6	752651-52-8	752651-54-0	752651-55-1
752651-57-3	752651-59-5	752651-61-9	752651-63-1	752651-65-3
752651-67-5	752651-69-7	752651-70-0	752651-72-2	752651-74-4
752651-76-6	752651-78-8	752651-80-2	752651-82-4	752651-84-6
752651-86-8	752651-87-9	752651-89-1	752651-91-5	752651-93-7
752651-95-9	752651-97-1	752651-99-3	752652-01-0	752652-03-2
752652-05-4	752652-06-5	752652-08-7	752652-10-1	752652-12-3
752652-14-5	752652-16-7	752652-18-9	752652-20-3	752652-21-4
752652-23-6	752652-25-8	752652-27-0	752652-28-1	752652-30-5
752652-32-7	752652-34-9	752652-36-1	752652-38-3	752652-39-4
752652-41-8	752652-43-0	752652-45-2	752652-47-4	752652-49-6
752652-51-0	752652-53-2	752652-55-4	752652-57-6	752652-58-7
752652-60-1	752652-62-3	752652-64-5	752652-66-7	752652-68-9
752652-70-3				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752652-72-5	752652-73-6	752652-75-8	752652-77-0	752652-79-2
	752652-81-6	752652-83-8	752652-85-0	752652-87-2	752652-89-4
	752652-91-8	752652-92-9	752652-94-1	752652-96-3	752652-98-5
	752653-00-2	752653-02-4	752653-04-6	752653-05-7	752653-07-9
	752653-09-1	752653-11-5	752653-13-7	752653-14-8	752653-16-0
	752653-18-2	752653-20-6	752653-22-8	752653-24-0	752653-26-2
	752653-27-3	752653-29-5	752653-31-9	752653-33-1	752653-35-3
	752653-37-5	752653-39-7	752653-40-0	752653-42-2	752653-44-4
	752653-46-6	752653-48-8	752653-50-2	752653-52-4	752653-53-5
	752653-55-7	752653-57-9	752653-59-1	752653-61-5	752653-62-6
	752653-66-0	752653-67-1	752653-69-3	752653-71-7	752653-73-9
	752653-75-1	752653-77-3	752653-79-5	752653-81-9	752653-83-1
	752653-84-2	752653-86-4	752653-88-6	752653-90-0	752653-92-2
	752653-93-3	752653-95-5	752653-97-7	752653-99-9	752654-01-6
	752654-03-8	752654-05-0	752654-07-2	752654-09-4	752654-11-8
	752654-12-9	752654-14-1	752654-16-3	752654-18-5	752654-20-9
	752654-22-1	752654-24-3	752654-26-5	752654-28-7	752654-29-8

752654-31-2	752654-33-4	752654-35-6	752654-37-8	752654-39-0
752654-41-4	752654-43-6	752654-45-8	752654-47-0	752654-49-2
752654-50-5	752654-52-7	752654-54-9	752654-56-1	752654-58-3
752654-60-7	752654-62-9	752654-64-1	752654-65-2	752654-67-4
752654-69-6	752654-70-9	752654-72-1	752654-74-3	752654-76-5
752654-78-7	752654-80-1	752654-82-3	752654-84-5	752654-86-7
752654-87-8	752654-89-0	752654-91-4	752654-93-6	752654-95-8
752654-97-0	752654-99-2	752655-01-9	752655-03-1	752655-04-2
752655-06-4	752655-08-6	752655-10-0	752655-12-2	752655-14-4
752655-16-6	752655-18-8	752655-19-9	752655-22-4	752655-24-6
752655-26-8	752655-28-0	752655-30-4	752655-32-6	752655-34-8
752655-36-0	752655-38-2	752655-40-6	752655-42-8	752655-43-9
752655-45-1	752655-47-3	752655-49-5	752655-50-8	752655-52-0
752655-54-2	752655-56-4	752655-57-5	752655-59-7	752655-61-1
752655-63-3	752655-65-5	752655-67-7	752655-69-9	752655-70-2
752655-72-4	752655-74-6	752655-76-8	752655-78-0	752655-80-4
752655-82-6	752655-84-8	752655-85-9	752655-87-1	752655-89-3
752655-91-7	752655-93-9	752655-95-1	752655-97-3	752655-99-5
752656-01-2	752656-03-4	752656-05-6	752656-07-8	752656-08-9
752656-10-3	752656-12-5	752656-14-7	752656-16-9	752656-18-1
752656-20-5	752656-21-6	752656-23-8	752656-25-0	752656-27-2
752656-29-4	752656-31-8	752656-33-0	752656-35-2	752656-37-4
752656-39-6	752656-40-9	752656-42-1	752656-44-3	752656-46-5
752656-48-7	752656-50-1	752656-52-3	752656-54-5	752656-56-7
752656-58-9	752656-60-3	752656-61-4	752656-63-6	752656-65-8
752656-67-0	752656-69-2	752656-71-6	752656-73-8	752656-75-0
752656-77-2	752656-79-4	752656-81-8	752656-83-0	752656-85-2
752656-86-3	752656-88-5	752656-90-9	752656-92-1	752656-94-3
752656-96-5	752656-98-7	752656-99-8	752657-01-5	752657-03-7
752657-05-9	752657-07-1	752657-08-2	752657-10-6	752657-12-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752657-13-9	752657-15-1	752657-17-3	752657-19-5	752657-21-9
	752657-23-1	752657-25-3	752657-27-5	752657-29-7	752657-31-1
	752657-33-3	752657-35-5	752657-36-6	752657-38-8	752657-40-2
	752657-42-4	752657-44-6	752657-46-8	752657-48-0	752657-51-5
	752657-53-7	752657-54-8	752657-56-0	752657-58-2	752657-60-6
	752657-62-8	752657-64-0	752657-66-2	752657-68-4	752657-70-8
	752657-71-9	752657-73-1	752657-75-3	752657-77-5	752657-79-7
	752657-81-1	752657-82-2	752657-84-4	752657-86-6	752657-88-8
	752657-90-2	752657-92-4	752657-94-6	752657-96-8	752657-98-0
	752658-00-7	752658-02-9	752658-04-1	752658-05-2	752658-07-4
	752658-09-6	752658-11-0	752658-13-2	752658-15-4	752658-17-6
	752658-19-8	752658-21-2	752658-23-4	752658-25-6	752658-27-8
	752658-29-0	752658-31-4	752658-33-6	752658-35-8	752658-37-0
	752658-39-2	752658-40-5	752658-42-7	752658-44-9	752658-46-1
	752658-48-3	752658-50-7	752658-52-9	752658-53-0	752658-54-1
	752658-56-3	752658-58-5	752658-60-9	752658-62-1	752658-64-3
	752658-66-5	752658-68-7	752658-69-8	752658-71-2	752658-73-4
	752658-75-6	752658-77-8	752658-79-0	752658-81-4	752658-83-6
	752658-85-8	752658-86-9	752658-88-1	752658-90-5	752658-92-7
	752658-94-9	752658-96-1	752658-98-3	752659-00-0	752659-02-2
	752659-04-4	752659-06-6	752659-08-8	752659-10-2	752659-12-4
	752659-14-6	752659-16-8	752659-18-0	752659-19-1	752659-21-5
	752659-23-7	752659-25-9	752659-27-1	752659-28-2	752659-30-6
	752659-32-8	752659-34-0	752659-36-2	752659-38-4	752659-40-8
	752659-42-0	752659-44-2	752659-46-4	752659-48-6	752659-50-0
	752659-52-2	752659-54-4	752659-55-5	752659-57-7	752659-59-9
	752659-61-3	752659-63-5	752659-65-7	752659-67-9	752659-69-1
	752659-71-5	752659-73-7	752659-75-9	752659-77-1	752659-79-3
	752659-81-7	752659-83-9	752659-85-1	752659-87-3	752659-89-5
	752659-91-9	752659-92-0	752659-94-2	752659-96-4	752659-98-6
	752659-99-7	752660-01-8	752660-03-0	752660-05-2	752660-07-4
	752660-09-6	752660-11-0	752660-13-2	752660-15-4	752660-17-6

752660-18-7	752660-20-1	752660-22-3	752660-24-5	752660-26-7
752660-28-9	752660-30-3	752660-32-5	752660-34-7	752660-36-9
752660-38-1	752660-39-2	752660-41-6	752660-43-8	752660-45-0
752660-47-2	752660-49-4	752660-52-9	752660-54-1	752660-55-2
752660-57-4	752660-59-6	752660-61-0	752660-63-2	752660-65-4
752660-67-6	752660-69-8	752660-71-2	752660-72-3	752660-74-5
752660-76-7	752660-78-9	752660-80-3	752660-82-5	752660-84-7
752660-86-9	752660-87-0	752660-89-2	752660-91-6	752660-93-8
752660-95-0	752660-97-2	752660-99-4	752661-01-1	752661-03-3
752661-05-5	752661-07-7	752661-08-8	752661-10-2	752661-12-4
752661-14-6	752661-16-8	752661-18-0	752661-29-3	752661-30-6
752661-32-8	752661-34-0	752661-36-2	752661-38-4	752661-40-8
752661-42-0	752661-43-1	752661-45-3	752661-47-5	752661-49-7
752661-51-1	752661-53-3	752661-55-5	752661-57-7	752661-59-9
752661-61-3	752661-63-5	752661-65-7	752661-67-9	752661-69-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752661-71-5	752661-73-7	752661-74-8	752661-75-9	752661-77-1
	752661-79-3	752661-81-7	752661-83-9	752661-85-1	752661-87-3
	752661-89-5	752661-91-9	752661-93-1	752661-95-3	752661-97-5
	752661-99-7	752662-01-4	752662-03-6	752662-05-8	752662-07-0
	752662-08-1	752662-10-5	752662-12-7	752662-14-9	752662-16-1
	752662-18-3	752662-19-4	752662-21-8	752662-23-0	752662-25-2
	752662-27-4	752662-29-6	752662-31-0	752662-32-1	752662-34-3
	752662-36-5	752662-38-7	752662-40-1	752662-42-3	752662-44-5
	752662-46-7	752662-48-9	752662-50-3	752662-52-5	752662-54-7
	752662-56-9	752662-58-1	752662-60-5	752662-62-7	752662-64-9
	752662-66-1	752662-67-2	752662-70-7	752662-71-8	752662-73-0
	752662-75-2	752662-77-4	752662-79-6	752662-81-0	752662-83-2
	752662-87-6	752662-88-7	752662-90-1	752662-92-3	752662-94-5
	752662-96-7	752662-98-9	752663-00-6	752663-01-7	752663-03-9
	752663-05-1	752663-07-3	752663-09-5	752663-11-9	752663-13-1
	752663-15-3	752663-16-4	752663-18-6	752663-20-0	752663-22-2
	752663-24-4	752663-26-6	752663-28-8	752663-30-2	752663-32-4
	752663-34-6	752663-36-8	752663-38-0	752663-40-4	752663-42-6
	752663-44-8	752663-45-9	752663-47-1	752663-49-3	752663-51-7
	752663-53-9	752663-54-0	752663-57-3	752663-58-4	752663-60-8
	752663-62-0	752663-63-1	752663-65-3	752663-67-5	752663-69-7
	752663-71-1	752663-73-3	752663-75-5	752663-77-7	752663-79-9
	752663-81-3	752663-83-5	752663-85-7	752663-87-9	752663-88-0
	752663-90-4	752663-92-6	752663-93-7	752663-95-9	752663-97-1
	752663-99-3	752664-01-0	752664-03-2	752664-05-4	752664-07-6
	752664-09-8	752664-11-2	752664-12-3	752664-14-5	752664-16-7
	752664-18-9	752664-20-3	752664-22-5	752664-23-6	752664-25-8
	752664-27-0	752664-29-2	752664-31-6	752664-33-8	752664-35-0
	752664-37-2	752664-39-4	752664-41-8	752664-43-0	752664-45-2
	752664-46-3	752664-47-4	752664-49-6	752664-51-0	752664-53-2
	752664-56-5	752664-58-7	752664-60-1	752664-62-3	752664-64-5
	752664-66-7	752664-68-9	752664-70-3	752664-72-5	752664-74-7
	752664-76-9	752664-78-1	752664-80-5	752664-81-6	752664-83-8
	752664-85-0	752664-87-2	752664-89-4	752664-91-8	752664-93-0
	752664-95-2	752664-97-4	752664-99-6	752665-01-3	752665-03-5
	752665-04-6	752665-06-8	752665-08-0	752665-11-5	752665-12-6
	752665-14-8	752665-16-0	752665-18-2	752665-20-6	752665-22-8
	752665-24-0	752665-26-2	752665-28-4	752665-30-8	752665-32-0
	752665-34-2	752665-36-4	752665-38-6	752665-40-0	752665-42-2
	752665-44-4	752665-46-6	752665-48-8	752665-49-9	752665-51-3
	752665-53-5	752665-55-7	752665-57-9	752665-59-1	752665-61-5
	752665-63-7	752665-65-9	752665-67-1	752665-69-3	752665-71-7
	752665-73-9	752665-75-1	752665-77-3	752665-78-4	752665-80-8
	752665-82-0	752665-84-2	752665-85-3	752665-87-5	752665-89-7
	752665-91-1	752665-93-3	752665-95-5	752665-97-7	752665-99-9
	752666-01-6	752666-03-8	752666-05-0	752666-07-2	752666-09-4
	752666-11-8	752666-13-0	752666-15-2	752666-17-4	752666-18-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752666-20-9	752666-22-1	752666-24-3	752666-26-5	752666-28-7
	752666-30-1	752666-32-3	752666-34-5	752666-36-7	752666-38-9
	752666-40-3	752666-41-4	752666-43-6	752666-45-8	752666-47-0
	752666-49-2	752666-51-6	752666-53-8	752666-55-0	752666-57-2
	752666-59-4	752666-61-8	752666-63-0	752666-65-2	752666-67-4
	752666-69-6	752666-71-0	752666-73-2	752666-75-4	752666-77-6
	752666-79-8	752666-81-2	752666-83-4	752666-85-6	752666-86-7
	752666-88-9	752666-90-3	752666-92-5	752666-94-7	752666-96-9
	752666-98-1	752667-00-8	752667-02-0	752667-04-2	752667-06-4
	752667-08-6	752667-10-0	752667-11-1	752667-13-3	752667-15-5
	752667-17-7	752667-18-8	752667-20-2	752667-22-4	752667-24-6
	752667-26-8	752667-28-0	752667-30-4	752667-32-6	752667-34-8
	752667-36-0	752667-38-2	752667-40-6	752667-42-8	752667-44-0
	752667-46-2	752667-48-4	752667-50-8	752667-51-9	752667-53-1
	752667-55-3	752667-57-5	752667-59-7	752667-61-1	752667-63-3
	752667-65-5	752667-67-7	752667-69-9	752667-71-3	752667-73-5
	752667-75-7	752667-77-9	752667-79-1	752667-81-5	752667-82-6
	752667-84-8	752667-86-0	752667-88-2	752667-90-6	752667-92-8
	752667-94-0	752667-96-2	752667-98-4	752668-00-1	752668-02-3
	752668-04-5	752668-06-7	752668-08-9	752668-10-3	752668-12-5
	752668-14-7	752668-16-9	752668-18-1	752668-19-2	752668-21-6
	752668-23-8	752668-25-0	752668-27-2	752668-29-4	752668-31-8
	752668-33-0	752668-35-2	752668-37-4	752668-39-6	752668-41-0
	752668-43-2	752668-45-4	752668-47-6	752668-49-8	752668-51-2
	752668-53-4	752668-55-6	752668-57-8	752668-59-0	752668-61-4
	752668-63-6	752668-65-8	752668-66-9	752668-69-2	752668-71-6
	752668-73-8	752668-75-0	752668-77-2	752668-79-4	752668-80-7
	752668-82-9	752668-84-1	752668-86-3	752668-88-5	752668-90-9
	752668-92-1	752668-94-3	752668-95-4	752668-97-6	752668-99-8
	752669-01-5	752669-03-7	752669-05-9	752669-07-1	752669-09-3
	752669-11-7	752669-13-9	752669-15-1	752669-17-3	752669-19-5
	752669-21-9	752669-23-1	752669-25-3	752669-27-5	752669-29-7
	752669-31-1	752669-32-2	752669-35-5	752669-37-7	752669-38-8
	752669-40-2	752669-42-4	752669-44-6	752669-46-8	752669-48-0
	752669-50-4	752669-52-6	752669-54-8	752669-56-0	752669-58-2
	752669-60-6	752669-62-8	752669-64-0	752669-65-1	752669-67-3
	752669-69-5	752669-71-9	752669-73-1	752669-75-3	752669-77-5
	752669-79-7	752669-81-1	752669-83-3	752669-85-5	752669-87-7
	752669-89-9	752669-90-2	752669-92-4	752669-94-6	752669-96-8
	752669-99-1	752670-01-2	752670-03-4	752670-04-5	752670-06-7
	752670-08-9	752670-10-3	752670-12-5	752670-14-7	752670-16-9
	752670-18-1	752670-20-5	752670-22-7	752670-24-9	752670-26-1
	752670-28-3	752670-30-7	752670-32-9	752670-34-1	752670-35-2
	752670-37-4	752670-39-6	752670-41-0	752670-43-2	752670-45-4
	752670-47-6	752670-49-8	752670-51-2	752670-53-4	752670-55-6
	752670-57-8	752670-59-0	752670-61-4	752670-63-6	752670-65-8
	752670-67-0	752670-69-2	752670-71-6	752670-73-8	752670-75-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752670-77-2	752670-79-4	752670-80-7	752670-82-9	752670-84-1
	752670-86-3	752670-88-5	752670-90-9	752670-92-1	752670-94-3
	752670-96-5	752670-98-7	752671-00-4	752671-02-6	752671-04-8
	752671-05-9	752671-07-1	752671-09-3	752671-11-7	752671-13-9
	752671-16-2	752671-18-4	752671-20-8	752671-22-0	752671-24-2
	752671-26-4	752671-28-6	752671-30-0	752671-32-2	752671-34-4
	752671-36-6	752671-38-8	752671-40-2	752671-42-4	752671-43-5
	752671-45-7	752671-47-9	752671-49-1	752671-51-5	752671-53-7
	752671-55-9	752671-57-1	752671-59-3	752671-61-7	752671-63-9
	752671-65-1	752671-67-3	752671-69-5	752671-71-9	752671-73-1
	752671-75-3	752671-76-4	752671-79-7	752671-81-1	752671-83-3

752671-84-4	752671-86-6	752671-88-8	752671-90-2	752671-92-4
752671-94-6	752671-96-8	752671-98-0	752672-00-7	752672-02-9
752672-04-1	752672-06-3	752672-08-5	752672-10-9	752672-12-1
752672-14-3	752672-16-5	752672-18-7	752672-20-1	752672-21-2
752672-23-4	752672-25-6	752672-27-8	752672-29-0	752672-31-4
752672-33-6	752672-35-8	752672-37-0	752672-39-2	752672-41-6
752672-43-8	752672-45-0	752672-47-2	752672-49-4	752672-51-8
752672-53-0	752672-55-2	752672-57-4	752672-59-6	752672-61-0
752672-63-2	752672-65-4	752672-67-6	752672-68-7	752672-70-1
752672-72-3	752672-75-6	752672-77-8	752672-79-0	752672-81-4
752672-83-6	752672-85-8	752672-87-0	752672-90-5	752672-92-7
752672-94-9	752672-96-1	752672-98-3	752673-00-0	752673-02-2
752673-04-4	752673-06-6	752673-08-8	752673-10-2	752673-12-4
752673-14-6	752673-16-8	752673-18-0	752673-20-4	752673-22-6
752673-24-8	752673-26-0	752673-28-2	752673-30-6	752673-32-8
752673-34-0	752673-36-2	752673-38-4	752673-40-8	752673-42-0
752673-44-2	752673-46-4	752673-48-6	752673-49-7	752673-51-1
752673-53-3	752673-55-5	752673-57-7	752673-59-9	752673-61-3
752673-63-5	752673-65-7	752673-67-9	752673-69-1	752673-71-5
752673-73-7	752673-75-9	752673-77-1	752673-79-3	752673-81-7
752673-83-9	752673-85-1	752673-87-3	752673-89-5	752673-91-9
752673-93-1	752673-95-3	752673-97-5	752673-99-7	752674-01-4
752674-03-6	752674-05-8	752674-06-9	752674-09-2	752674-10-5
752674-12-7	752674-14-9	752674-16-1	752674-18-3	752674-20-7
752674-22-9	752674-24-1	752674-26-3	752674-28-5	752674-30-9
752674-32-1	752674-34-3	752674-36-5	752674-38-7	752674-41-2
752674-43-4	752674-45-6	752674-47-8	752674-49-0	752674-51-4
752674-53-6	752674-54-7	752674-56-9	752674-58-1	752674-60-5
752674-62-7	752674-64-9	752674-66-1	752674-68-3	752674-70-7
752674-72-9	752674-74-1	752674-75-2	752674-77-4	752674-79-6
752674-81-0	752674-83-2	752674-85-4	752674-87-6	752674-89-8
752674-91-2	752674-93-4	752674-95-6	752674-96-7	752674-98-9
752675-01-7	752675-03-9	752675-05-1	752675-07-3	752675-09-5
752675-11-9	752675-13-1	752675-14-2	752675-16-4	752675-18-6
752675-20-0	752675-22-2	752675-24-4	752675-26-6	752675-28-8
752675-30-2	752675-32-4	752675-34-6	752675-36-8	752675-38-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752675-40-4	752675-42-6	752675-44-8	752675-46-0	752675-48-2
	752675-50-6	752675-52-8	752675-54-0	752675-56-2	752675-58-4
	752675-60-8	752675-62-0	752675-64-2	752675-66-4	752675-68-6
	752675-70-0	752675-72-2	752675-74-4	752675-76-6	752675-78-8
	752675-80-2	752675-82-4	752675-84-6	752675-86-8	752675-88-0
	752675-90-4	752675-92-6	752675-94-8	752675-96-0	752675-98-2
	752676-00-9	752676-02-1	752676-04-3	752676-06-5	752676-07-6
	752676-09-8	752676-11-2	752676-13-4	752676-15-6	752676-17-8
	752676-19-0	752676-21-4	752676-24-7	752676-26-9	752676-28-1
	752676-29-2	752676-31-6	752676-33-8	752676-34-9	752676-36-1
	752676-38-3	752676-40-7	752676-42-9	752676-44-1	752676-46-3
	752676-48-5	752676-50-9	752676-52-1	752676-54-3	752676-56-5
	752676-58-7	752676-60-1	752676-62-3	752676-64-5	752676-66-7
	752676-68-9	752676-70-3	752676-72-5	752676-74-7	752676-76-9
	752676-78-1	752676-80-5	752676-82-7	752676-84-9	752676-86-1
	752676-88-3	752676-90-7	752676-92-9	752676-94-1	752676-96-3
	752676-98-5	752677-00-2	752677-02-4	752677-04-6	752677-05-7
	752677-07-9	752677-09-1	752677-11-5	752677-13-7	752677-15-9
	752677-17-1	752677-19-3	752677-21-7	752677-23-9	752677-26-2
	752677-28-4	752677-30-8	752677-32-0	752677-34-2	752677-35-3
	752677-37-5	752677-39-7	752677-41-1	752677-44-4	752677-46-6
	752677-48-8	752677-50-2	752677-52-4	752677-54-6	752677-55-7
	752677-57-9	752677-59-1	752677-61-5	752677-63-7	752677-65-9
	752677-67-1	752677-69-3	752677-71-7	752677-73-9	752677-75-1
	752677-77-3	752677-79-5	752677-81-9	752677-83-1	752677-85-3
	752677-87-5	752677-89-7	752677-91-1	752677-93-3	752677-95-5

752677-97-7	752677-99-9	752678-01-6	752678-03-8	752678-05-0
752678-07-2	752678-09-4	752678-11-8	752678-13-0	752678-15-2
752678-17-4	752678-19-6	752678-21-0	752678-23-2	752678-25-4
752678-27-6	752678-29-8	752678-31-2	752678-33-4	752678-35-6
752678-37-8	752678-39-0	752678-41-4	752678-43-6	752678-45-8
752678-47-0	752678-49-2	752678-51-6	752678-53-8	752678-55-0
752678-57-2	752678-59-4	752678-61-8	752678-63-0	752678-65-2
752678-67-4	752678-69-6	752678-71-0	752678-73-2	752678-75-4
752678-77-6	752678-79-8	752678-81-2	752678-83-4	752678-85-6
752678-87-8	752678-89-0	752678-91-4	752678-93-6	752678-95-8
752678-97-0	752678-99-2	752679-01-9	752679-03-1	752679-05-3
752679-07-5	752679-08-6	752679-10-0	752679-12-2	752679-14-4
752679-16-6	752679-18-8	752679-20-2	752679-23-5	752679-25-7
752679-27-9	752679-29-1	752679-31-5	752679-32-6	752679-34-8
752679-36-0	752679-38-2	752679-40-6	752679-42-8	752679-44-0
752679-46-2	752679-48-4	752679-50-8	752679-52-0	752679-54-2
752679-56-4	752679-58-6	752679-60-0	752679-62-2	752679-64-4
752679-66-6	752679-68-8	752679-70-2	752679-72-4	752679-74-6
752679-76-8	752679-78-0	752679-80-4	752679-83-7	752679-85-9
752679-87-1	752679-89-3	752679-91-7	752679-92-8	752679-94-0
752679-96-2	752679-98-4	752680-00-5	752680-02-7	752680-04-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752680-06-1	752680-08-3	752680-10-7	752680-12-9	752680-14-1
	752680-16-3	752680-18-5	752680-26-5	752680-28-7	752680-30-1
	752680-33-4	752680-35-6	752680-37-8	752680-39-0	752680-41-4
	752680-42-5	752680-44-7	752680-46-9	752680-48-1	752680-50-5
	752680-52-7	752680-54-9	752680-56-1	752680-58-3	752680-60-7
	752680-62-9	752680-64-1	752680-66-3	752680-68-5	752680-70-9
	752680-72-1	752680-74-3	752680-76-5	752680-78-7	752680-80-1
	752680-82-3	752680-84-5	752680-86-7	752680-88-9	752680-90-3
	752680-92-5	752680-95-8	752680-96-9	752680-99-2	752681-00-8
	752681-02-0	752681-04-2	752681-06-4	752681-08-6	752681-10-0
	752681-12-2	752681-14-4	752681-16-6	752681-18-8	752681-20-2
	752681-22-4	752681-24-6	752681-26-8	752681-28-0	752681-30-4
	752681-32-6	752681-34-8	752681-36-0	752681-38-2	752681-40-6
	752681-42-8	752681-44-0	752681-46-2	752681-48-4	752681-50-8
	752681-52-0	752681-54-2	752681-56-4	752681-58-6	752681-60-0
	752681-62-2	752681-64-4	752681-66-6	752681-68-8	752681-70-2
	752681-71-3	752681-73-5	752681-76-8	752681-78-0	752681-80-4
	752681-82-6	752681-84-8	752681-86-0	752681-90-6	752681-92-8
	752681-94-0	752681-96-2	752681-98-4	752682-00-1	752682-02-3
	752682-04-5	752682-06-7	752682-08-9	752682-10-3	752682-12-5
	752682-14-7	752682-16-9	752682-18-1	752682-20-5	752682-22-7
	752682-24-9	752682-26-1	752682-27-2	752682-29-4	752682-31-8
	752682-33-0	752682-35-2	752682-37-4	752682-39-6	752682-41-0
	752682-43-2	752682-45-4	752682-47-6	752682-49-8	752682-51-2
	752682-53-4	752682-55-6	752682-57-8	752682-60-3	752682-62-5
	752682-64-7	752682-66-9	752682-68-1	752682-69-2	752682-71-6
	752682-73-8	752682-76-1	752682-78-3	752682-80-7	752682-82-9
	752682-83-0	752682-85-2	752682-87-4	752682-89-6	752682-91-0
	752682-93-2	752682-95-4	752682-97-6	752682-99-8	752683-01-5
	752683-03-7	752683-05-9	752683-07-1	752683-09-3	752683-11-7
	752683-14-0	752683-16-2	752683-18-4	752683-20-8	752683-21-9
	752683-23-1	752683-25-3	752683-27-5	752683-29-7	752683-31-1
	752683-33-3	752683-35-5	752683-38-8	752683-40-2	752683-42-4
	752683-44-6	752683-46-8	752683-48-0	752683-50-4	752683-52-6
	752683-53-7	752683-55-9	752683-57-1	752683-59-3	752683-61-7
	752683-63-9	752683-65-1	752683-67-3	752683-69-5	752683-71-9
	752683-73-1	752683-75-3	752683-77-5	752683-78-6	752683-80-0
	752683-82-2	752683-84-4	752683-86-6	752683-89-9	752683-91-3
	752683-93-5	752683-95-7	752683-97-9	752683-99-1	752684-01-8
	752684-03-0	752684-05-2	752684-07-4	752684-09-6	752684-11-0
	752684-13-2	752684-15-4	752684-17-6	752684-19-8	752684-21-2

752684-23-4	752684-25-6	752684-27-8	752684-29-0	752684-31-4
752684-33-6	752684-35-8	752684-37-0	752684-39-2	752684-41-6
752684-43-8	752684-45-0	752684-46-1	752684-48-3	752684-50-7
752684-52-9	752684-54-1	752684-56-3	752684-58-5	752684-60-9
752684-62-1	752684-64-3	752684-66-5	752684-68-7	752684-70-1
752684-72-3	752684-74-5	752684-76-7	752684-78-9	752684-81-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752684-82-5	752684-84-7	752684-86-9	752684-88-1	752684-90-5
	752684-92-7	752684-94-9	752684-96-1	752684-98-3	752685-00-0
	752685-02-2	752685-04-4	752685-06-6	752685-08-8	752685-11-3
	752685-13-5	752685-15-7	752685-17-9	752685-19-1	752685-21-5
	752685-23-7	752685-25-9	752685-27-1	752685-29-3	752685-31-7
	752685-33-9	752685-35-1	752685-36-2	752685-37-3	752685-39-5
	752685-41-9	752685-43-1	752685-45-3	752685-47-5	752685-49-7
	752685-51-1	752685-53-3	752685-55-5	752685-57-7	752685-59-9
	752685-61-3	752685-63-5	752685-65-7	752685-67-9	752685-69-1
	752685-71-5	752685-73-7	752685-75-9	752685-77-1	752685-79-3
	752685-81-7	752685-83-9	752685-85-1	752685-87-3	752685-89-5
	752685-91-9	752685-93-1	752685-95-3	752685-97-5	752685-99-7
	752686-01-4	752686-03-6	752686-05-8	752686-07-0	752686-09-2
	752686-11-6	752686-13-8	752686-15-0	752686-17-2	752686-19-4
	752686-21-8	752686-23-0	752686-25-2	752686-27-4	752686-29-6
	752686-31-0	752686-33-2	752686-35-4	752686-38-7	752686-40-1
	752686-42-3	752686-44-5	752686-45-6	752686-47-8	752686-49-0
	752686-51-4	752686-53-6	752686-57-0	752686-59-2	752686-61-6
	752686-63-8	752686-65-0	752686-67-2	752686-69-4	752686-71-8
	752686-73-0	752686-75-2	752686-77-4	752686-79-6	752686-81-0
	752686-83-2	752686-85-4	752686-87-6	752686-90-1	752686-92-3
	752686-94-5	752686-96-7	752686-97-8	752686-99-0	752687-01-7
	752687-03-9	752687-05-1	752687-07-3	752687-09-5	752687-11-9
	752687-13-1	752687-15-3	752687-17-5	752687-19-7	752687-21-1
	752687-23-3	752687-25-5	752687-27-7	752687-29-9	752687-31-3
	752687-33-5	752687-35-7	752687-37-9	752687-39-1	752687-41-5
	752687-44-8	752687-46-0	752687-48-2	752687-50-6	752687-51-7
	752687-53-9	752687-55-1	752687-57-3	752687-60-8	752687-62-0
	752687-64-2	752687-66-4	752687-68-6	752687-70-0	752687-72-2
	752687-74-4	752687-76-6	752687-78-8	752687-80-2	752687-82-4
	752687-84-6	752687-86-8	752687-88-0	752687-90-4	752687-92-6
	752687-94-8	752687-96-0	752687-98-2	752688-00-9	752688-02-1
	752688-04-3	752688-06-5	752688-08-7	752688-10-1	752688-12-3
	752688-14-5	752688-15-6	752688-17-8	752688-19-0	752688-21-4
	752688-24-7	752688-26-9	752688-28-1	752688-30-5	752688-32-7
	752688-34-9	752688-36-1	752688-38-3	752688-39-4	752688-41-8
	752688-43-0	752688-45-2	752688-47-4	752688-50-9	752688-52-1
	752688-54-3	752688-55-4	752688-57-6	752688-59-8	752688-61-2
	752688-63-4	752688-65-6	752688-67-8	752688-69-0	752688-71-4
	752688-73-6	752688-75-8	752688-77-0	752688-79-2	752688-81-6
	752688-83-8	752688-85-0	752688-87-2	752688-89-4	752688-91-8
	752688-93-0	752688-95-2	752688-97-4	752688-99-6	752689-01-3
	752689-04-6	752689-06-8	752689-08-0	752689-09-1	752689-11-5
	752689-13-7	752689-15-9	752689-17-1	752689-19-3	752689-21-7
	752689-23-9	752689-25-1	752689-27-3	752689-29-5	752689-31-9
	752689-33-1	752689-35-3	752689-37-5	752689-39-7	752689-41-1
	752689-43-3	752689-45-5	752689-47-7	752689-49-9	752689-51-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752689-53-5	752689-56-8	752689-58-0	752689-60-4	752689-61-5
	752689-63-7	752689-65-9	752689-67-1	752689-69-3	752689-71-7
	752689-73-9	752689-75-1	752689-77-3	752689-79-5	752689-81-9
	752689-83-1	752689-85-3	752689-88-6	752689-90-0	752689-92-2
	752689-94-4	752689-96-6	752689-98-8	752690-02-1	752690-04-3

752690-06-5	752690-08-7	752690-10-1	752690-12-3	752690-14-5
752690-16-7	752690-18-9	752690-20-3	752690-22-5	752690-24-7
752690-26-9	752690-28-1	752690-30-5	752690-32-7	752690-34-9
752690-36-1	752690-38-3	752690-40-7	752690-42-9	752690-44-1
752690-46-3	752690-48-5	752690-50-9	752690-52-1	752690-54-3
752690-56-5	752690-58-7	752690-60-1	752690-62-3	752690-64-5
752690-66-7	752690-68-9	752690-70-3	752690-72-5	752690-73-6
752690-75-8	752690-77-0	752690-79-2	752690-82-7	752690-84-9
752690-86-1	752690-88-3	752690-90-7	752690-92-9	752690-94-1
752690-96-3	752690-98-5	752691-00-2	752691-02-4	752691-04-6
752691-06-8	752691-09-1	752691-11-5	752691-13-7	752691-14-8
752691-16-0	752691-19-3	752691-21-7	752691-23-9	752691-25-1
752691-27-3	752691-29-5	752691-31-9	752691-33-1	752691-35-3
752691-37-5	752691-39-7	752691-41-1	752691-43-3	752691-45-5
752691-47-7	752691-49-9	752691-51-3	752691-53-5	752691-55-7
752691-57-9	752691-59-1	752691-61-5	752691-64-8	752691-65-9
752691-67-1	752691-69-3	752691-71-7	752691-73-9	752691-75-1
752691-77-3	752691-79-5	752691-81-9	752691-83-1	752691-85-3
752691-87-5	752691-89-7	752691-91-1	752691-93-3	752691-95-5
752691-97-7	752691-99-9	752692-01-6	752692-03-8	752692-05-0
752692-08-3	752692-10-7	752692-12-9	752692-14-1	752692-16-3
752692-18-5	752692-20-9	752692-22-1	752692-24-3	752692-26-5
752692-28-7	752692-30-1	752692-32-3	752692-34-5	752692-36-7
752692-38-9	752692-40-3	752692-42-5	752692-44-7	752692-46-9
752692-48-1	752692-50-5	752692-52-7	752692-54-9	752692-56-1
752692-58-3	752692-60-7	752692-62-9	752692-64-1	752692-66-3
752692-68-5	752692-70-9	752692-72-1	752692-74-3	752692-76-5
752692-78-7	752692-80-1	752692-82-3	752692-84-5	752692-86-7
752692-88-9	752692-90-3	752692-92-5	752692-95-8	752692-97-0
752692-99-2	752693-01-9	752693-03-1	752693-05-3	752693-07-5
752693-09-7	752693-11-1	752693-13-3	752693-15-5	752693-17-7
752693-19-9	752693-21-3	752693-23-5	752693-25-7	752693-27-9
752693-29-1	752693-31-5	752693-33-7	752693-35-9	752693-37-1
752693-39-3	752693-41-7	752693-43-9	752693-45-1	752693-47-3
752693-49-5	752693-51-9	752693-53-1	752693-55-3	752693-57-5
752693-59-7	752693-61-1	752693-63-3	752693-66-6	752693-68-8
752693-69-9	752693-71-3	752693-73-5	752693-75-7	752693-78-0
752693-80-4	752693-82-6	752693-84-8	752693-86-0	752693-88-2
752693-90-6	752693-92-8	752693-94-0	752693-96-2	752693-98-4
752694-00-1	752694-02-3	752694-04-5	752694-06-7	752694-08-9
752694-10-3	752694-12-5	752694-14-7	752694-16-9	752694-18-1
752694-20-5	752694-22-7	752694-24-9	752694-26-1	752694-28-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752694-30-7	752694-32-9	752694-34-1	752694-36-3	752694-38-5
	752694-40-9	752694-42-1	752694-44-3	752694-46-5	752694-48-7
	752694-50-1	752694-52-3	752694-54-5	752694-56-7	752694-58-9
	752694-60-3	752694-62-5	752694-64-7	752694-66-9	752694-68-1
	752694-70-5	752694-72-7	752694-74-9	752694-76-1	752694-78-3
	752694-80-7	752694-82-9	752694-84-1	752694-86-3	752694-88-5
	752694-90-9	752694-92-1	752694-94-3	752694-96-5	752694-98-7
	752695-00-4	752695-02-6	752695-04-8	752695-06-0	752695-08-2
	752695-10-6	752695-12-8	752695-15-1	752695-17-3	752695-18-4
	752695-20-8	752695-22-0	752695-24-2	752695-26-4	752695-29-7
	752695-31-1	752695-33-3	752695-35-5	752695-37-7	752695-39-9
	752695-41-3	752695-43-5	752695-45-7	752695-47-9	752695-49-1
	752695-51-5	752695-53-7	752695-55-9	752695-57-1	752695-59-3
	752695-61-7	752695-63-9	752695-65-1	752695-67-3	752695-69-5
	752695-71-9	752695-73-1	752695-75-3	752695-77-5	752695-79-7
	752695-87-7	752695-89-9	752695-91-3	752695-93-5	752695-95-7
	752695-97-9	752695-99-1	752696-01-8	752696-03-0	752696-05-2
	752696-07-4	752696-09-6	752696-11-0	752696-13-2	752696-15-4
	752696-17-6	752696-19-8	752696-21-2	752696-23-4	752696-25-6
	752696-27-8	752696-29-0	752696-31-4	752696-33-6	752696-35-8

752696-37-0	752696-39-2	752696-41-6	752696-43-8	752696-45-0
752696-47-2	752696-49-4	752696-51-8	752696-53-0	752696-55-2
752696-58-5	752696-59-6	752696-62-1	752696-64-3	752696-66-5
752696-68-7	752696-70-1	752696-72-3	752696-74-5	752696-76-7
752696-78-9	752696-80-3	752696-82-5	752696-84-7	752696-86-9
752696-88-1	752696-90-5	752696-92-7	752696-94-9	752696-96-1
752696-98-3	752697-00-0	752697-02-2	752697-04-4	752697-06-6
752697-08-8	752697-10-2	752697-12-4	752697-14-6	752697-16-8
752697-18-0	752697-20-4	752697-22-6	752697-24-8	752697-26-0
752697-28-2	752697-30-6	752697-32-8	752697-34-0	752697-36-2
752697-38-4	752697-40-8	752697-43-1	752697-45-3	752697-47-5
752697-49-7	752697-51-1	752697-53-3	752697-56-6	752697-58-8
752697-60-2	752697-62-4	752697-64-6	752697-66-8	752697-68-0
752697-70-4	752697-72-6	752697-73-7	752697-75-9	752697-77-1
752697-79-3	752697-81-7	752697-83-9	752697-85-1	752697-87-3
752697-89-5	752697-91-9	752697-93-1	752697-95-3	752697-97-5
752698-00-3	752698-01-4	752698-03-6	752698-05-8	752698-06-9
752698-08-1	752698-10-5	752698-13-8	752698-15-0	752698-17-2
752698-19-4	752698-21-8	752698-23-0	752698-25-2	752698-27-4
752698-29-6	752698-31-0	752698-33-2	752698-35-4	752698-37-6
752698-39-8	752698-41-2	752698-43-4	752698-45-6	752698-47-8
752698-49-0	752698-51-4	752698-53-6	752698-55-8	752698-57-0
752698-59-2	752698-61-6	752698-63-8	752698-66-1	752698-68-3
752698-70-7	752698-72-9	752698-74-1	752698-76-3	752698-78-5
752698-80-9	752698-82-1	752698-84-3	752698-86-5	752698-88-7
752698-90-1	752698-92-3	752698-94-5	752698-96-7	752698-98-9
752699-00-6	752699-02-8	752699-04-0	752699-06-2	752699-08-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752699-10-8	752699-12-0	752699-14-2	752699-16-4	752699-18-6
	752699-20-0	752699-22-2	752699-24-4	752699-26-6	752699-28-8
	752699-30-2	752699-32-4	752699-34-6	752699-36-8	752699-38-0
	752699-40-4	752699-43-7	752699-44-8	752699-46-0	752699-48-2
	752699-50-6	752699-53-9	752699-55-1	752699-57-3	752699-59-5
	752699-61-9	752699-63-1	752699-65-3	752699-67-5	752699-69-7
	752699-71-1	752699-73-3	752699-75-5	752699-76-6	752699-78-8
	752699-80-2	752699-82-4	752699-84-6	752699-86-8	752699-89-1
	752699-91-5	752699-93-7	752699-95-9	752699-97-1	752699-99-3
	752700-01-9	752700-03-1	752700-05-3	752700-07-5	752700-09-7
	752700-11-1	752700-13-3	752700-15-5	752700-17-7	752700-19-9
	752700-21-3	752700-23-5	752700-25-7	752700-27-9	752700-29-1
	752700-31-5	752700-33-7	752700-35-9	752700-37-1	752700-39-3
	752700-41-7	752700-43-9	752700-45-1	752700-47-3	752700-49-5
	752700-51-9	752700-53-1	752700-55-3	752700-57-5	752700-59-7
	752700-61-1	752700-63-3	752700-65-5	752700-67-7	752700-69-9
	752700-71-3	752700-74-6	752700-76-8	752700-79-1	752700-81-5
	752700-83-7	752700-85-9	752700-87-1	752700-89-3	752700-91-7
	752700-93-9	752700-95-1	752700-97-3	752700-99-5	752701-01-2
	752701-03-4	752701-05-6	752701-07-8	752701-09-0	752701-11-4
	752701-13-6	752701-15-8	752701-17-0	752701-19-2	752701-21-6
	752701-23-8	752701-25-0	752701-27-2	752701-29-4	752701-31-8
	752701-33-0	752701-35-2	752701-37-4	752701-39-6	752701-41-0
	752701-43-2	752701-45-4	752701-47-6	752701-49-8	752701-51-2
	752701-53-4	752701-55-6	752701-57-8	752701-60-3	752701-62-5
	752701-64-7	752701-65-8	752701-66-9	752701-67-0	752701-68-1
	752701-69-2	752701-70-5	752701-71-6	752701-72-7	752701-73-8
	752701-74-9	752701-75-0	752701-76-1	752701-77-2	752701-78-3
	752701-79-4	752701-80-7	752701-81-8	752701-82-9	752701-83-0
	752701-84-1	752701-85-2	752701-86-3	752701-87-4	752701-88-5
	752701-89-6	752701-90-9	752701-91-0	752701-92-1	752701-93-2
	752701-94-3	752701-95-4	752701-96-5	752701-97-6	752701-98-7
	752701-99-8	752702-00-4	752702-01-5	752702-02-6	752702-03-7
	752702-04-8	752702-05-9	752702-06-0	752702-07-1	752702-08-2
	752702-09-3	752702-10-6	752702-11-7	752702-12-8	752702-13-9

752702-14-0	752702-15-1	752702-16-2	752702-17-3	752702-18-4
752702-19-5	752702-20-8	752702-21-9	752702-22-0	752702-23-1
752702-24-2	752702-25-3	752702-26-4	752702-27-5	752702-28-6
752702-29-7	752702-30-0	752702-31-1	752702-32-2	752702-33-3
752702-34-4	752702-35-5	752702-36-6	752702-37-7	752702-38-8
752702-39-9	752702-40-2	752702-41-3	752702-42-4	752702-43-5
752702-44-6	752702-45-7	752702-46-8	752702-47-9	752702-48-0
752702-49-1	752702-50-4	752702-51-5	752702-52-6	752702-53-7
752702-54-8	752702-55-9	752702-56-0	752702-57-1	752702-58-2
752702-59-3	752702-60-6	752702-61-7	752702-62-8	752702-63-9
752702-64-0	752702-65-1	752702-66-2	752702-67-3	752702-68-4
752702-69-5	752702-70-8	752702-71-9	752702-72-0	752702-73-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752702-74-2	752702-75-3	752702-76-4	752702-77-5	752702-78-6
	752702-79-7	752702-80-0	752702-81-1	752702-82-2	752702-83-3
	752702-84-4	752702-85-5	752702-86-6	752702-87-7	752702-88-8
	752702-89-9	752702-90-2	752702-91-3	752702-92-4	752702-93-5
	752702-94-6	752702-95-7	752702-96-8	752702-97-9	752702-98-0
	752702-99-1	752703-00-7	752703-01-8	752703-02-9	752703-03-0
	752703-04-1	752703-05-2	752703-06-3	752703-07-4	752703-08-5
	752703-09-6	752703-10-9	752703-11-0	752703-12-1	752703-13-2
	752703-14-3	752703-15-4	752703-16-5	752703-17-6	752703-18-7
	752703-19-8	752703-20-1	752703-21-2	752703-22-3	752703-23-4
	752703-24-5	752703-25-6	752703-26-7	752703-27-8	752703-28-9
	752703-29-0	752703-30-3	752703-31-4	752703-32-5	752703-33-6
	752703-34-7	752703-35-8	752703-36-9	752703-37-0	752703-38-1
	752703-39-2	752703-40-5	752703-41-6	752703-42-7	752703-43-8
	752703-44-9	752703-45-0	752703-46-1	752703-47-2	752703-48-3
	752703-49-4	752703-50-7	752703-51-8	752703-52-9	752703-53-0
	752703-54-1	752703-55-2	752703-56-3	752703-57-4	752703-58-5
	752703-59-6	752703-60-9	752703-61-0	752703-62-1	752703-63-2
	752703-64-3	752703-65-4	752703-66-5	752703-67-6	752703-68-7
	752703-69-8	752703-70-1	752703-71-2	752703-72-3	752703-73-4
	752703-74-5	752703-75-6	752703-76-7	752703-77-8	752703-78-9
	752703-79-0	752703-80-3	752703-81-4	752703-82-5	752703-83-6
	752703-84-7	752703-85-8	752703-86-9	752703-87-0	752703-88-1
	752703-89-2	752703-90-5	752703-91-6	752703-92-7	752703-93-8
	752703-94-9	752703-95-0	752703-96-1	752703-97-2	752703-98-3
	752703-99-4	752704-00-0	752704-01-1	752704-02-2	752704-03-3
	752704-04-4	752704-05-5	752704-06-6	752704-07-7	752704-08-8
	752704-09-9	752704-10-2	752704-11-3	752704-12-4	752704-13-5
	752704-14-6	752704-15-7	752704-16-8	752704-17-9	752704-18-0
	752704-19-1	752704-20-4	752704-21-5	752704-22-6	752704-23-7
	752704-24-8	752704-25-9	752704-26-0	752704-27-1	752704-28-2
	752704-29-3	752704-30-6	752704-31-7	752704-32-8	752704-33-9
	752704-34-0	752704-35-1	752704-36-2	752704-37-3	752704-38-4
	752704-39-5	752704-40-8	752704-41-9	752704-42-0	752704-43-1
	752704-44-2	752704-45-3	752704-46-4	752704-47-5	752704-48-6
	752704-49-7	752704-50-0	752704-51-1	752704-52-2	752704-53-3
	752704-54-4	752704-55-5	752704-56-6	752704-57-7	752704-58-8
	752704-59-9	752704-60-2	752704-61-3	752704-62-4	752704-63-5
	752704-64-6	752704-65-7	752704-66-8	752704-67-9	752704-68-0
	752704-69-1	752704-70-4	752704-71-5	752704-72-6	752704-73-7
	752704-74-8	752704-75-9	752704-76-0	752704-77-1	752704-78-2
	752704-79-3	752704-80-6	752704-81-7	752704-82-8	752704-83-9
	752704-84-0	752704-85-1	752704-86-2	752704-87-3	752704-88-4
	752704-89-5	752704-90-8	752704-91-9	752704-92-0	752704-93-1
	752704-94-2	752704-95-3	752704-96-4	752704-97-5	752704-98-6
	752704-99-7	752705-00-3	752705-01-4	752705-02-5	752705-03-6
	752705-04-7	752705-05-8	752705-06-9	752705-07-0	752705-08-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and

their uses improvement of transgenic plants)

IT	752705-09-2	752705-10-5	752705-11-6	752705-12-7	752705-13-8
	752705-14-9	752705-15-0	752705-16-1	752705-17-2	752705-18-3
	752705-19-4	752705-20-7	752705-21-8	752705-22-9	752705-23-0
	752705-24-1	752705-25-2	752705-26-3	752705-27-4	752705-28-5
	752705-29-6	752705-30-9	752705-31-0	752705-32-1	752705-33-2
	752705-34-3	752705-35-4	752705-36-5	752705-37-6	752705-38-7
	752705-39-8	752705-40-1	752705-41-2	752705-42-3	752705-43-4
	752705-44-5	752705-45-6	752705-46-7	752705-47-8	752705-48-9
	752705-49-0	752705-50-3	752705-51-4	752705-52-5	752705-53-6
	752705-54-7	752705-55-8	752705-56-9	752705-57-0	752705-58-1
	752705-59-2	752705-60-5	752705-61-6	752705-62-7	752705-63-8
	752705-64-9	752705-65-0	752705-66-1	752705-67-2	752705-68-3
	752705-69-4	752705-70-7	752705-71-8	752705-72-9	752705-73-0
	752705-74-1	752705-75-2	752705-76-3	752705-77-4	752705-78-5
	752705-79-6	752705-80-9	752705-81-0	752705-82-1	752705-83-2
	752705-84-3	752705-85-4	752705-86-5	752705-87-6	752705-88-7
	752705-89-8	752705-90-1	752705-91-2	752705-92-3	752705-93-4
	752705-94-5	752705-95-6	752705-96-7	752705-97-8	752705-98-9
	752705-99-0	752706-00-6	752706-01-7	752706-02-8	752706-03-9
	752706-04-0	752706-05-1	752706-06-2	752706-07-3	752706-08-4
	752706-09-5	752706-10-8	752706-11-9	752706-12-0	752706-13-1
	752706-14-2	752706-15-3	752706-16-4	752706-17-5	752706-18-6
	752706-19-7	752706-20-0	752706-21-1	752706-22-2	752706-23-3
	752706-24-4	752706-25-5	752706-26-6	752706-27-7	752706-28-8
	752706-29-9	752706-30-2	752706-31-3	752706-32-4	752706-33-5
	752706-34-6	752706-35-7	752706-36-8	752706-37-9	752706-38-0
	752706-39-1	752706-40-4	752706-41-5	752706-42-6	752706-43-7
	752706-44-8	752706-45-9	752706-46-0	752706-47-1	752706-48-2
	752706-49-3	752706-50-6	752706-51-7	752706-52-8	752706-53-9
	752706-54-0	752706-55-1	752706-56-2	752706-57-3	752706-58-4
	752706-59-5	752706-60-8	752706-61-9	752706-62-0	752706-63-1
	752706-64-2	752706-65-3	752706-66-4	752706-67-5	752706-68-6
	752706-69-7	752706-70-0	752706-71-1	752706-72-2	752706-73-3
	752706-74-4	752706-75-5	752706-76-6	752706-77-7	752706-78-8
	752706-79-9	752706-80-2	752706-81-3	752706-82-4	752706-83-5
	752706-84-6	752706-85-7	752706-86-8	752706-87-9	752706-88-0
	752706-89-1	752706-90-4	752706-91-5	752706-92-6	752706-93-7
	752706-94-8	752706-95-9	752706-96-0	752706-97-1	752706-98-2
	752706-99-3	752707-00-9	752707-01-0	752707-02-1	752707-03-2
	752707-04-3	752707-05-4	752707-06-5	752707-07-6	752707-08-7
	752707-09-8	752707-10-1	752707-11-2	752707-12-3	752707-13-4
	752707-14-5	752707-15-6	752707-16-7	752707-17-8	752707-18-9
	752707-19-0	752707-20-3	752707-21-4	752707-22-5	752707-23-6
	752707-24-7	752707-25-8	752707-26-9	752707-27-0	752707-28-1
	752707-29-2	752707-30-5	752707-31-6	752707-32-7	752707-33-8
	752707-34-9	752707-35-0	752707-36-1	752707-37-2	752707-38-3
	752707-39-4	752707-40-7	752707-41-8	752707-42-9	752707-43-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752707-44-1	752707-45-2	752707-46-3	752707-47-4	752707-48-5
	752707-49-6	752707-50-9	752707-51-0	752707-52-1	752707-53-2
	752707-54-3	752707-55-4	752707-56-5	752707-57-6	752707-58-7
	752707-59-8	752707-60-1	752707-61-2	752707-62-3	752707-63-4
	752707-64-5	752707-65-6	752707-66-7	752707-67-8	752707-68-9
	752707-69-0	752707-70-3	752707-71-4	752707-72-5	752707-73-6
	752707-74-7	752707-75-8	752707-76-9	752707-77-0	752707-78-1
	752707-79-2	752707-80-5	752707-81-6	752707-82-7	752707-83-8
	752707-84-9	752707-85-0	752707-86-1	752707-87-2	752707-88-3
	752707-89-4	752707-90-7	752707-91-8	752707-92-9	752707-93-0
	752707-94-1	752707-95-2	752707-96-3	752707-97-4	752707-98-5
	752707-99-6	752708-00-2	752708-01-3	752708-02-4	752708-03-5
	752708-04-6	752708-05-7	752708-06-8	752708-07-9	752708-08-0
	752708-09-1	752708-10-4	752708-11-5	752708-12-6	752708-13-7

752708-14-8	752708-15-9	752708-16-0	752708-17-1	752708-18-2
752708-19-3	752708-20-6	752708-21-7	752708-22-8	752708-23-9
752708-24-0	752708-25-1	752708-26-2	752708-27-3	752708-28-4
752708-29-5	752708-30-8	752708-31-9	752708-32-0	752708-33-1
752708-34-2	752708-35-3	752708-36-4	752708-37-5	752708-38-6
752708-39-7	752708-40-0	752708-41-1	752708-42-2	752708-43-3
752708-44-4	752708-45-5	752708-46-6	752708-47-7	752708-48-8
752708-49-9	752708-50-2	752708-51-3	752708-52-4	752708-53-5
752708-54-6	752708-55-7	752708-56-8	752708-57-9	752708-58-0
752708-59-1	752708-60-4	752708-61-5	752708-62-6	752708-63-7
752708-64-8	752708-65-9	752708-66-0	752708-67-1	752708-68-2
752708-69-3	752708-70-6	752708-71-7	752708-72-8	752708-73-9
752708-74-0	752708-75-1	752708-76-2	752708-77-3	752708-78-4
752708-79-5	752708-80-8	752708-81-9	752708-82-0	752708-83-1
752708-84-2	752708-85-3	752708-86-4	752708-87-5	752708-88-6
752708-89-7	752708-90-0	752708-91-1	752708-92-2	752708-93-3
752708-94-4	752708-95-5	752708-96-6	752708-97-7	752708-98-8
752709-99-9	752709-00-5	752709-01-6	752709-02-7	752709-03-8
752709-04-9	752709-05-0	752709-06-1	752709-07-2	752709-08-3
752709-09-4	752709-10-7	752709-11-8	752709-12-9	752709-13-0
752709-14-1	752709-15-2	752709-16-3	752709-17-4	752709-18-5
752709-19-6	752709-20-9	752709-21-0	752709-22-1	752709-23-2
752709-24-3	752709-25-4	752709-26-5	752709-27-6	752709-28-7
752709-29-8	752709-30-1	752709-31-2	752709-32-3	752709-33-4
752709-34-5	752709-35-6	752709-36-7	752709-37-8	752709-38-9
752709-39-0	752709-40-3	752709-41-4	752709-42-5	752709-43-6
752709-44-7	752709-45-8	752709-46-9	752709-47-0	752709-48-1
752709-49-2	752709-50-5	752709-51-6	752709-52-7	752709-53-8
752709-54-9	752709-55-0	752709-56-1	752709-57-2	752709-58-3
752709-59-4	752709-60-7	752709-61-8	752709-62-9	752709-63-0
752709-64-1	752709-65-2	752709-66-3	752709-67-4	752709-68-5
752709-69-6	752709-70-9	752709-71-0	752709-72-1	752709-73-2
752709-74-3	752709-75-4	752709-76-5	752709-77-6	752709-78-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752709-79-8	752709-80-1	752709-81-2	752709-82-3	752709-83-4
	752709-84-5	752709-85-6	752709-86-7	752709-87-8	752709-88-9
	752709-89-0	752709-90-3	752709-91-4	752709-92-5	752709-93-6
	752709-94-7	752709-95-8	752709-96-9	752709-97-0	752709-98-1
	752709-99-2	752710-00-2	752710-01-3	752710-02-4	752710-03-5
	752710-04-6	752710-05-7	752710-06-8	752710-07-9	752710-08-0
	752710-09-1	752710-10-4	752710-11-5	752710-12-6	752710-13-7
	752710-14-8	752710-15-9	752710-16-0	752710-17-1	752710-18-2
	752710-19-3	752710-20-6	752710-21-7	752710-22-8	752710-23-9
	752710-24-0	752710-25-1	752710-26-2	752710-27-3	752710-28-4
	752710-29-5	752710-30-8	752710-31-9	752710-32-0	752710-33-1
	752710-34-2	752710-35-3	752710-36-4	752710-37-5	752710-38-6
	752710-39-7	752710-40-0	752710-41-1	752710-42-2	752710-43-3
	752710-44-4	752710-45-5	752710-46-6	752710-47-7	752710-48-8
	752710-49-9	752710-50-2	752710-51-3	752710-52-4	752710-53-5
	752710-54-6	752710-55-7	752710-56-8	752710-57-9	752710-58-0
	752710-59-1	752710-60-4	752710-61-5	752710-62-6	752710-63-7
	752710-64-8	752710-65-9	752710-66-0	752710-67-1	752710-68-2
	752710-69-3	752710-70-6	752710-71-7	752710-72-8	752710-73-9
	752710-74-0	752710-75-1	752710-76-2	752710-77-3	752710-78-4
	752710-79-5	752710-80-8	752710-81-9	752710-82-0	752710-83-1
	752710-84-2	752710-85-3	752710-86-4	752710-87-5	752710-88-6
	752710-89-7	752710-90-0	752710-91-1	752710-92-2	752710-93-3
	752710-94-4	752710-95-5	752710-96-6	752710-97-7	752710-98-8
	752710-99-9	752711-00-5	752711-01-6	752711-02-7	752711-03-8
	752711-04-9	752711-05-0	752711-06-1	752711-07-2	752711-08-3
	752711-09-4	752711-10-7	752711-11-8	752711-12-9	752711-13-0
	752711-14-1	752711-15-2	752711-16-3	752711-17-4	752711-18-5
	752711-19-6	752711-20-9	752711-21-0	752711-22-1	752711-23-2

752711-24-3	752711-25-4	752711-26-5	752711-27-6	752711-28-7
752711-29-8	752711-30-1	752711-31-2	752711-32-3	752711-33-4
752711-34-5	752711-35-6	752711-36-7	752711-37-8	752711-38-9
752711-39-0	752711-40-3	752711-41-4	752711-42-5	752711-43-6
752711-44-7	752711-45-8	752711-46-9	752711-47-0	752711-48-1
752711-49-2	752711-50-5	752711-51-6	752711-52-7	752711-53-8
752711-54-9	752711-55-0	752711-56-1	752711-57-2	752711-58-3
752711-59-4	752711-60-7	752711-61-8	752711-62-9	752711-63-0
752711-64-1	752711-65-2	752711-66-3	752711-67-4	752711-68-5
752711-69-6	752711-70-9	752711-71-0	752711-72-1	752711-73-2
752711-74-3	752711-75-4	752711-76-5	752711-77-6	752711-78-7
752711-79-8	752711-80-1	752711-81-2	752711-82-3	752711-83-4
752711-84-5	752711-85-6	752711-86-7	752711-87-8	752711-88-9
752711-89-0	752711-90-3	752711-91-4	752711-92-5	752711-93-6
752711-94-7	752711-95-8	752711-96-9	752711-97-0	752711-98-1
752711-99-2	752712-00-8	752712-01-9	752712-02-0	752712-03-1
752712-04-2	752712-05-3	752712-06-4	752712-07-5	752712-08-6
752712-09-7	752712-10-0	752712-11-1	752712-12-2	752712-13-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752712-14-4	752712-15-5	752712-16-6	752712-17-7	752712-18-8
	752712-19-9	752712-20-2	752712-21-3	752712-22-4	752712-23-5
	752712-24-6	752712-25-7	752712-26-8	752712-27-9	752712-28-0
	752712-29-1	752712-30-4	752712-31-5	752712-32-6	752712-33-7
	752712-34-8	752712-35-9	752712-36-0	752712-37-1	752712-38-2
	752712-39-3	752712-40-6	752712-41-7	752712-42-8	752712-43-9
	752712-44-0	752712-45-1	752712-46-2	752712-47-3	752712-48-4
	752712-49-5	752712-50-8	752712-51-9	752712-52-0	752712-53-1
	752712-54-2	752712-55-3	752712-56-4	752712-57-5	752712-58-6
	752712-59-7	752712-60-0	752712-61-1	752712-62-2	752712-63-3
	752712-64-4	752712-65-5	752712-66-6	752712-67-7	752712-68-8
	752712-69-9	752712-70-2	752712-71-3	752712-72-4	752712-73-5
	752712-74-6	752712-75-7	752712-76-8	752712-77-9	752712-78-0
	752712-79-1	752712-80-4	752712-81-5	752712-82-6	752712-83-7
	752712-84-8	752712-85-9	752712-86-0	752712-87-1	752712-88-2
	752712-89-3	752712-90-6	752712-91-7	752712-92-8	752712-93-9
	752712-94-0	752712-95-1	752712-96-2	752712-97-3	752712-98-4
	752712-99-5	752713-00-1	752713-01-2	752713-02-3	752713-03-4
	752713-04-5	752713-05-6	752713-06-7	752713-07-8	752713-08-9
	752713-09-0	752713-10-3	752713-11-4	752713-12-5	752713-13-6
	752713-14-7	752713-15-8	752713-16-9	752713-17-0	752713-18-1
	752713-19-2	752713-20-5	752713-21-6	752713-22-7	752713-23-8
	752713-24-9	752713-25-0	752713-26-1	752713-27-2	752713-28-3
	752713-29-4	752713-30-7	752713-31-8	752713-32-9	752713-33-0
	752713-34-1	752713-35-2	752713-36-3	752713-37-4	752713-38-5
	752713-39-6	752713-40-9	752713-41-0	752713-42-1	752713-43-2
	752713-44-3	752713-45-4	752713-46-5	752713-47-6	752713-48-7
	752713-49-8	752713-50-1	752713-51-2	752713-52-3	752713-53-4
	752713-54-5	752713-55-6	752713-56-7	752713-57-8	752713-58-9
	752713-59-0	752713-60-3	752713-61-4	752713-62-5	752713-63-6
	752713-64-7	752713-65-8	752713-66-9	752713-67-0	752713-68-1
	752713-69-2	752713-70-5	752713-71-6	752713-72-7	752713-73-8
	752713-74-9	752713-75-0	752713-76-1	752713-77-2	752713-78-3
	752713-79-4	752713-80-7	752713-81-8	752713-82-9	752713-83-0
	752713-84-1	752713-85-2	752713-86-3	752713-87-4	752713-88-5
	752713-89-6	752713-90-9	752713-91-0	752713-92-1	752713-93-2
	752713-94-3	752713-95-4	752713-96-5	752713-97-6	752713-98-7
	752713-99-8	752714-00-4	752714-01-5	752714-02-6	752714-03-7
	752714-04-8	752714-05-9	752714-06-0	752714-07-1	752714-08-2
	752714-09-3	752714-10-6	752714-11-7	752714-12-8	752714-13-9
	752714-14-0	752714-15-1	752714-16-2	752714-17-3	752714-18-4
	752714-19-5	752714-20-8	752714-21-9	752714-22-0	752714-23-1
	752714-24-2	752714-25-3	752714-26-4	752714-27-5	752714-28-6
	752714-29-7	752714-30-0	752714-31-1	752714-32-2	752714-33-3

752714-34-4 752714-35-5 752714-36-6 752714-37-7 752714-38-8
 752714-39-9 752714-40-2 752714-41-3 752714-42-4 752714-43-5
 752714-44-6 752714-45-7 752714-46-8 752714-47-9 752714-48-0
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT	752714-49-1	752714-50-4	752714-51-5	752714-52-6	752714-53-7
	752714-54-8	752714-55-9	752714-56-0	752714-57-1	752714-58-2
	752714-59-3	752714-60-6	752714-61-7	752714-62-8	752714-63-9
	752714-64-0	752714-65-1	752714-66-2	752714-67-3	752714-68-4
	752714-69-5	752714-70-8	752714-71-9	752714-72-0	752714-73-1
	752714-74-2	752714-75-3	752714-76-4	752714-77-5	752714-78-6
	752714-79-7	752714-80-0	752714-81-1	752714-82-2	752714-83-3
	752714-84-4	752714-85-5	752714-86-6	752714-87-7	752714-88-8
	752714-89-9	752714-90-2	752714-91-3	752714-92-4	752714-93-5
	752714-94-6	752714-95-7	752714-96-8	752714-97-9	752714-98-0
	752714-99-1	752715-00-7	752715-01-8	752715-02-9	752715-03-0
	752715-04-1	752715-05-2	752715-06-3	752715-07-4	752715-08-5
	752715-09-6	752715-10-9	752715-11-0	752715-12-1	752715-13-2
	752715-14-3	752715-15-4	752715-16-5	752715-17-6	752715-18-7
	752715-19-8	752715-20-1	752715-21-2	752715-22-3	752715-23-4
	752715-24-5	752715-25-6	752715-26-7	752715-27-8	752715-28-9
	752715-29-0	752715-30-3	752715-31-4	752715-32-5	752715-33-6
	752715-34-7	752715-35-8	752715-36-9	752715-37-0	752715-38-1
	752715-39-2	752715-40-5	752715-41-6	752715-42-7	752715-43-8
	752715-44-9	752715-45-0	752715-46-1	752715-47-2	752715-48-3
	752715-49-4	752715-50-7	752715-51-8	752715-52-9	752715-53-0
	752715-54-1	752715-55-2	752715-56-3	752715-57-4	752715-58-5
	752715-59-6	752715-60-9	752715-61-0	752715-62-1	752715-63-2
	752715-64-3	752715-65-4	752715-66-5	752715-67-6	752715-68-7
	752715-69-8	752715-70-1	752715-71-2	752715-72-3	752715-73-4
	752715-74-5	752715-75-6	752715-76-7	752715-77-8	752715-78-9
	752715-79-0	752715-80-3	752715-81-4	752715-82-5	752715-83-6
	752715-84-7	752715-85-8	752715-86-9	752715-87-0	752715-88-1
	752715-89-2	752715-90-5	752715-91-6	752715-92-7	752715-93-8
	752715-94-9	752715-95-0	752715-96-1	752715-97-2	752715-98-3
	752715-99-4	752716-00-0	752716-01-1	752716-02-2	752716-03-3
	752716-04-4	752716-05-5	752716-06-6	752716-07-7	752716-08-8
	752716-09-9	752716-10-2	752716-11-3	752716-12-4	752716-13-5
	752716-14-6	752716-15-7	752716-16-8	752716-17-9	752716-18-0
	752716-19-1	752716-20-4	752716-21-5	752716-22-6	752716-23-7
	752716-24-8	752716-25-9	752716-26-0	752716-27-1	752716-28-2
	752716-29-3	752716-30-6	752716-31-7	752716-32-8	752716-33-9
	752716-34-0	752716-35-1	752716-36-2	752716-37-3	752716-38-4
	752716-39-5	752716-40-8	752716-41-9	752716-42-0	752716-43-1
	752716-44-2	752716-45-3	752716-46-4	752716-47-5	752716-48-6
	752716-49-7	752716-50-0	752716-51-1	752716-52-2	752716-53-3
	752716-54-4	752716-55-5	752716-56-6	752716-57-7	752716-58-8
	752716-59-9	752716-60-2	752716-61-3	752716-62-4	752716-63-5
	752716-64-6	752716-65-7	752716-66-8	752716-67-9	752716-68-0
	752716-69-1	752716-70-4	752716-71-5	752716-72-6	752716-73-7
	752716-74-8	752716-75-9	752716-76-0	752716-77-1	752716-78-2
	752716-79-3	752716-80-6	752716-81-7	752716-82-8	752716-83-9

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT	752716-84-0	752716-85-1	752716-86-2	752716-87-3	752716-88-4
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 9005-53-2P, Lignin, preparation 11078-30-1P, Galactomannan

RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)

(improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved use and/or uptake of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 752641-73-9 752642-82-3 752644-40-9
 752650-07-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

RN 752641-73-9 HCAPLUS

CN Protein (sorghum clone SORBI-28MAY03-C55846_1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 TRGTEALTCG IKGSDVHLIS EAATDPEWNG DCTVYRHADS DLAVLPYGAA
 51 LPVSLKVLEH DILTVSPIKD LAPGFRFAPL GLVDMFNSGG AVEGLTYHLL
 101 GGAKLLDGGN GSASGSEAVG LACMEVKGCG RFGAYSSVRP RKCMLGSAQL
 151 EFSYDSSSGL VVLQLEKMPK ERVHKIVVEL

RN 752642-82-3 HCAPLUS

CN Protein (sorghum clone SORBI-28MAY03-C58615_1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 SRLRCAAAIA IATAVPAAAA LPLPLALRRH RAFRRVPAAA VCLRFSSCRI
 51 PAPPRRAAAA MSSLA AAAQR TEHEAGAWFA VPGLSLRDHR FAVPLDHSSP
 101 DRGDTITVFA REVVAAGKED VSLPYLLYLQ GPGFESPRP TEAGGWLKKA
 151 CEDHRVLLD QRG TGLSTPL TPSSLSQITS PAKQVEYLKH FRADNIVKDA
 201 EIIRLRLVPD AKPWTVLGQS YGGFCAVTYL SFAPEGLKSV LLTGGLPPLG
 251 EPCTADTVYR ACFKQVQQN EKYYKRYPD IEVVHEVVRY LSESEGGGVL
 301 LPSGGRLTPK MLQCLGLSGL GSGSGFERLH YLLERVWDPA LVA

RN 752644-40-9 HCAPLUS

CN Protein (sorghum clone SORBI-28MAY03-C64594_1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 SLDTFVFSPD LWNIRISKIV KLTAWRACSL FLLIVTALCV PAQLCWRVPH
 51 AVSPASAFVW QGRRRLEGIF EGSFWRVNYP ACGMVLRCSP LAHCKFCFEN
 101 M

RN 752650-07-0 HCAPLUS

CN Protein (sorghum clone SORBI-28MAY03-C13789_1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 MYPKPCAPA GMAVAPVVG F PVAGALRQOW SSGLFDCLDD CHICCLTYWC
 51 PCITFGRIAE MVDRGATSCG TSGALYAVIA CLTASQCTWV YSCTYRAMMR
 101 AQFGLPRGAC ADCLVHLCCE PCALCQYRE LTARGLDPVH GWDFNAAMYP
 151 PPTQGMRRR

L12 ANSWER 11 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:770686 HCAPLUS
 DN 141:237805
 ED Entered STN: 22 Sep 2004
 TI Sorghum nucleic acids and encoded proteins and their uses improvement of
 transgenic plants
 IN Kovalic, David K.; Zhou, Yihua; Cao, Yongwei
 PA USA
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 850,147,
 abandoned.
 CODEN: USXXCO
 DT Patent
 LA English
 IC A01H001-00; C12N015-82; C07H021-04; C12N009-24
 INCL 800284000; 435200000; 536023200; 435468000
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 11
 FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
PRAI	US 2000-684016	A2	20001010	<--	
	US 2001-850147	B2	20010508		
	US 2004-767701	A	20040129		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004172684	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24
	INCL	800284000; 435200000; 536023200; 435468000
US 2004172684	NCL	800/284.000 <--
US 2004172684	NCL	800/284.000
	ECLA	C07K014/415; C12N015/82 <--

AB Nucleotide sequences are provided for 31,563 nucleic acids in a cDNA library from sorghum tissue. The open reading frame in each recombinant polynucleotide sequence is identified by a combination of predictive and homol. based methods. Functions of polypeptides encoded by the polynucleotide sequences are determined using a hierarchical classification tool, termed FunCAT, for Functional Categories Annotation Tool. Functional assignments from five public classification schemes, GO_BP, GO_CC, GO_MF, KEGG, and EC, and one internal Monsanto classification scheme, POI, are also provided. The disclosed recombinant polynucleotides and recombinant polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of 13 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

ST sorghum cDNA protein sequence plant transformation

IT Stress, plant

(cold, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Cell cycle

(growth rate control by modification of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant

(heat, improved tolerance to; sorghum nucleic acids and encoded

- proteins and their uses improvement of transgenic plants)
- IT Recombination, genetic
(homologous, increased rate of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Growth regulators, plant
RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
(improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Pathogen
(improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Carbohydrates, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(improved use and/or uptake of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Disease resistance, plant
Growth and development, plant
Herbicide resistance
(improvement of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Fats and Glyceridic oils, preparation
Proteins
RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
(modification of yield and/or content of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Stress, plant
(osmotic, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Transcription factors
RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
(plant improvement by; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Embryophyta
Protein sequences
Sorghum bicolor
Transformation, genetic
cDNA sequences
(sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Stress, plant
(water deficiency, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Photosynthesis, biological
(yield improvement by modification of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
- IT Stress, plant
(yield improvement in; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

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	752574-35-9	752574-36-0	752574-37-1	752574-38-2	752574-39-3
	752574-40-6	752574-41-7	752574-42-8	752574-43-9	752574-44-0
	752574-45-1	752574-46-2	752574-47-3	752574-48-4	752574-49-5
	752574-50-8	752574-51-9	752574-52-0	752574-53-1	752574-54-2
	752574-55-3	752574-56-4	752574-57-5	752574-58-6	752574-59-7
	752574-60-0	752574-61-1	752574-62-2	752574-63-3	752574-64-4
	752574-65-5	752574-66-6	752574-67-7	752574-68-8	752574-69-9
	752574-70-2	752574-71-3	752574-72-4	752574-73-5	752574-74-6
	752574-75-7	752574-76-8	752574-77-9	752574-78-0	752574-79-1
	752574-80-4	752574-81-5	752574-82-6	752574-83-7	752574-84-8
	752574-85-9	752574-86-0	752574-87-1	752574-88-2	752574-89-3
	752574-90-6	752574-91-7	752574-92-8	752574-93-9	752574-94-0
	752574-95-1	752574-96-2	752574-97-3	752574-98-4	752574-99-5

752575-00-1 752575-01-2 752575-02-3 752575-03-4 752575-04-5
 752575-05-6 752575-06-7 752575-07-8 752575-08-9 752575-09-0
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT	752575-10-3	752575-11-4	752575-12-5	752575-13-6	752575-14-7
	752575-15-8	752575-16-9	752575-17-0	752575-18-1	752575-19-2
	752575-20-5	752575-21-6	752575-22-7	752575-23-8	752575-24-9
	752575-25-0	752575-26-1	752575-27-2	752575-28-3	752575-29-4
	752575-30-7	752575-31-8	752575-32-9	752575-33-0	752575-34-1
	752575-35-2	752575-36-3	752575-37-4	752575-38-5	752575-39-6
	752575-40-9	752575-41-0	752575-42-1	752575-43-2	752575-44-3
	752575-45-4	752575-46-5	752575-47-6	752575-48-7	752575-49-8
	752575-50-1	752575-51-2	752575-52-3	752575-53-4	752575-54-5
	752575-55-6	752575-56-7	752575-57-8	752575-58-9	752575-59-0
	752575-60-3	752575-61-4	752575-62-5	752575-63-6	752575-64-7
	752575-65-8	752575-66-9	752575-67-0	752575-68-1	752575-69-2
	752575-70-5	752575-71-6	752575-72-7	752575-73-8	752575-74-9
	752575-75-0	752575-76-1	752575-77-2	752575-78-3	752575-79-4
	752575-80-7	752575-81-8	752575-82-9	752575-83-0	752575-84-1
	752575-85-2	752575-86-3	752575-87-4	752575-88-5	752575-89-6
	752575-90-9	752575-91-0	752575-92-1	752575-93-2	752575-94-3
	752575-95-4	752575-96-5	752575-97-6	752575-98-7	752575-99-8
	752576-00-4	752576-01-5	752576-02-6	752576-03-7	752576-04-8
	752576-05-9	752576-06-0	752576-07-1	752576-08-2	752576-09-3
	752576-10-6	752576-11-7	752576-12-8	752576-13-9	752576-14-0
	752576-15-1	752576-16-2	752576-17-3	752576-18-4	752576-19-5
	752576-20-8	752576-21-9	752576-22-0	752576-23-1	752576-24-2
	752576-25-3	752576-26-4	752576-27-5	752576-28-6	752576-29-7
	752576-30-0	752576-31-1	752576-32-2	752576-33-3	752576-34-4
	752576-35-5	752576-36-6	752576-37-7	752576-38-8	752576-39-9
	752576-40-2	752576-41-3	752576-42-4	752576-43-5	752576-44-6
	752576-45-7	752576-46-8	752576-47-9	752576-48-0	752576-49-1
	752576-50-4	752576-51-5	752576-52-6	752576-53-7	752576-54-8
	752576-55-9	752576-56-0	752576-57-1	752576-58-2	752576-59-3
	752576-60-6	752576-61-7	752576-62-8	752576-63-9	752576-64-0
	752576-65-1	752576-66-2	752576-67-3	752576-68-4	752576-69-5
	752576-70-8	752576-71-9	752576-72-0	752576-73-1	752576-74-2
	752576-75-3	752576-76-4	752576-77-5	752576-78-6	752576-79-7
	752576-80-0	752576-81-1	752576-82-2	752576-83-3	752576-84-4
	752576-85-5	752576-86-6	752576-87-7	752576-88-8	752576-89-9
	752576-90-2	752576-91-3	752576-92-4	752576-93-5	752576-94-6
	752576-95-7	752576-96-8	752576-97-9	752576-98-0	752576-99-1
	752577-00-7	752577-01-8	752577-02-9	752577-03-0	752577-04-1
	752577-05-2	752577-06-3	752577-07-4	752577-08-5	752577-09-6
	752577-10-9	752577-11-0	752577-12-1	752577-13-2	752577-14-3
	752577-15-4	752577-16-5	752577-17-6	752577-18-7	752577-19-8
	752577-20-1	752577-21-2	752577-22-3	752577-23-4	752577-24-5
	752577-25-6	752577-26-7	752577-27-8	752577-28-9	752577-29-0
	752577-30-3	752577-31-4	752577-32-5	752577-33-6	752577-34-7
	752577-35-8	752577-36-9	752577-37-0	752577-38-1	752577-39-2
	752577-40-5	752577-41-6	752577-42-7	752577-43-8	752577-44-9

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT	752577-45-0	752577-46-1	752577-47-2	752577-48-3	752577-49-4
	752577-50-7	752577-51-8	752577-52-9	752577-53-0	752577-54-1
	752577-55-2	752577-56-3	752577-57-4	752577-58-5	752577-59-6
	752577-60-9	752577-61-0	752577-62-1	752577-63-2	752577-64-3
	752577-65-4	752577-66-5	752577-67-6	752577-68-7	752577-69-8
	752577-70-1	752577-71-2	752577-72-3	752577-73-4	752577-74-5
	752577-75-6	752577-76-7	752577-77-8	752577-78-9	752577-79-0
	752577-80-3	752577-81-4	752577-82-5	752577-83-6	752577-84-7
	752577-85-8	752577-86-9	752577-87-0	752577-88-1	752577-89-2

752577-90-5	752577-91-6	752577-92-7	752577-93-8	752577-94-9
752577-95-0	752577-96-1	752577-97-2	752577-98-3	752577-99-4
752578-00-0	752578-01-1	752578-02-2	752578-03-3	752578-04-4
752578-05-5	752578-06-6	752578-07-7	752578-08-8	752578-09-9
752578-10-2	752578-11-3	752578-12-4	752578-13-5	752578-14-6
752578-15-7	752578-16-8	752578-17-9	752578-18-0	752578-19-1
752578-20-4	752578-21-5	752578-22-6	752578-23-7	752578-24-8
752578-25-9	752578-26-0	752578-27-1	752578-28-2	752578-29-3
752578-30-6	752578-31-7	752578-32-8	752578-33-9	752578-34-0
752578-35-1	752578-36-2	752578-37-3	752578-38-4	752578-39-5
752578-40-8	752578-41-9	752578-42-0	752578-43-1	752578-44-2
752578-45-3	752578-46-4	752578-47-5	752578-48-6	752578-49-7
752578-50-0	752578-51-1	752578-52-2	752578-53-3	752578-54-4
752578-55-5	752578-56-6	752578-57-7	752578-58-8	752578-59-9
752578-60-2	752578-61-3	752578-62-4	752578-63-5	752578-64-6
752578-65-7	752578-66-8	752578-67-9	752578-68-0	752578-69-1
752578-70-4	752578-71-5	752578-72-6	752578-73-7	752578-74-8
752578-75-9	752578-76-0	752578-77-1	752578-78-2	752578-79-3
752578-80-6	752578-81-7	752578-82-8	752578-83-9	752578-84-0
752578-85-1	752578-86-2	752578-87-3	752578-88-4	752578-89-5
752578-90-8	752578-91-9	752578-92-0	752578-93-1	752578-94-2
752578-95-3	752578-96-4	752578-97-5	752578-98-6	752578-99-7
752579-00-3	752579-01-4	752579-02-5	752579-03-6	752579-04-7
752579-05-8	752579-06-9	752579-07-0	752579-08-1	752579-09-2
752579-10-5	752579-11-6	752579-12-7	752579-13-8	752579-14-9
752579-15-0	752579-16-1	752579-17-2	752579-18-3	752579-19-4
752579-20-7	752579-21-8	752579-22-9	752579-23-0	752579-24-1
752579-25-2	752579-26-3	752579-27-4	752579-28-5	752579-29-6
752579-30-9	752579-31-0	752579-32-1	752579-33-2	752579-34-3
752579-35-4	752579-36-5	752579-37-6	752579-38-7	752579-39-8
752579-40-1	752579-41-2	752579-42-3	752579-43-4	752579-44-5
752579-45-6	752579-46-7	752579-47-8	752579-48-9	752579-49-0
752579-50-3	752579-51-4	752579-52-5	752579-53-6	752579-54-7
752579-55-8	752579-56-9	752579-57-0	752579-58-1	752579-59-2
752579-60-5	752579-61-6	752579-62-7	752579-63-8	752579-64-9
752579-65-0	752579-66-1	752579-67-2	752579-68-3	752579-69-4
752579-70-7	752579-71-8	752579-72-9	752579-73-0	752579-74-1
752579-75-2	752579-76-3	752579-77-4	752579-78-5	752579-79-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752579-80-9	752579-81-0	752579-82-1	752579-83-2	752579-84-3
	752579-85-4	752579-86-5	752579-87-6	752579-88-7	752579-89-8
	752579-90-1	752579-91-2	752579-92-3	752579-93-4	752579-94-5
	752579-95-6	752579-96-7	752579-97-8	752579-98-9	752579-99-0
	752580-00-0	752580-01-1	752580-02-2	752580-03-3	752580-04-4
	752580-05-5	752580-06-6	752580-07-7	752580-08-8	752580-09-9
	752580-10-2	752580-11-3	752580-12-4	752580-13-5	752580-14-6
	752580-15-7	752580-16-8	752580-17-9	752580-18-0	752580-19-1
	752580-20-4	752580-21-5	752580-22-6	752580-23-7	752580-24-8
	752580-25-9	752580-26-0	752580-27-1	752580-28-2	752580-29-3
	752580-30-6	752580-31-7	752580-32-8	752580-33-9	752580-34-0
	752580-35-1	752580-36-2	752580-37-3	752580-38-4	752580-39-5
	752580-40-8	752580-41-9	752580-42-0	752580-43-1	752580-44-2
	752580-45-3	752580-46-4	752580-47-5	752580-48-6	752580-49-7
	752580-50-0	752580-51-1	752580-52-2	752580-53-3	752580-54-4
	752580-55-5	752580-56-6	752580-57-7	752580-58-8	752580-59-9
	752580-60-2	752580-61-3	752580-62-4	752580-63-5	752580-64-6
	752580-65-7	752580-66-8	752580-67-9	752580-68-0	752580-69-1
	752580-70-4	752580-71-5	752580-72-6	752580-73-7	752580-74-8
	752580-75-9	752580-76-0	752580-77-1	752580-78-2	752580-79-3
	752580-80-6	752580-81-7	752580-82-8	752580-83-9	752580-84-0
	752580-85-1	752580-86-2	752580-87-3	752580-88-4	752580-89-5
	752580-90-8	752580-91-9	752580-92-0	752580-93-1	752580-94-2
	752580-95-3	752580-96-4	752580-97-5	752580-98-6	

752580-99-7	752581-00-3	752581-01-4	752581-02-5	752581-03-6
752581-04-7	752581-05-8	752581-06-9	752581-07-0	752581-08-1
752581-09-2	752581-10-5	752581-11-6	752581-12-7	752581-13-8
752581-14-9	752581-15-0	752581-16-1	752581-17-2	752581-18-3
752581-19-4	752581-20-7	752581-21-8	752581-22-9	752581-23-0
752581-24-1	752581-25-2	752581-26-3	752581-27-4	752581-28-5
752581-29-6	752581-30-9	752581-31-0	752581-32-1	752581-33-2
752581-34-3	752581-35-4	752581-36-5	752581-37-6	752581-38-7
752581-39-8	752581-40-1	752581-41-2	752581-42-3	752581-43-4
752581-44-5	752581-45-6	752581-46-7	752581-47-8	752581-48-9
752581-49-0	752581-50-3	752581-51-4	752581-52-5	752581-53-6
752581-54-7	752581-55-8	752581-56-9	752581-57-0	752581-58-1
752581-59-2	752581-60-5	752581-61-6	752581-62-7	752581-63-8
752581-64-9	752581-65-0	752581-66-1	752581-67-2	752581-68-3
752581-69-4	752581-70-7	752581-71-8	752581-72-9	752581-73-0
752581-74-1	752581-75-2	752581-76-3	752581-77-4	752581-78-5
752581-79-6	752581-80-9	752581-81-0	752581-82-1	752581-83-2
752581-84-3	752581-85-4	752581-86-5	752581-87-6	752581-88-7
752581-89-8	752581-90-1	752581-91-2	752581-92-3	752581-93-4
752581-94-5	752581-95-6	752581-96-7	752581-97-8	752581-98-9
752581-99-0	752582-00-6	752582-01-7	752582-02-8	752582-03-9
752582-04-0	752582-05-1	752582-06-2	752582-07-3	752582-08-4
752582-09-5	752582-10-8	752582-11-9	752582-12-0	752582-13-1
752582-14-2				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752582-15-3	752582-16-4	752582-17-5	752582-18-6	752582-19-7
	752582-20-0	752582-21-1	752582-22-2	752582-23-3	752582-24-4
	752582-25-5	752582-26-6	752582-27-7	752582-28-8	752582-29-9
	752582-30-2	752582-31-3	752582-32-4	752582-33-5	752582-34-6
	752582-35-7	752582-36-8	752582-37-9	752582-38-0	752582-39-1
	752582-40-4	752582-41-5	752582-42-6	752582-43-7	752582-44-8
	752582-45-9	752582-46-0	752582-47-1	752582-48-2	752582-49-3
	752582-50-6	752582-51-7	752582-52-8	752582-53-9	752582-54-0
	752582-55-1	752582-56-2	752582-57-3	752582-58-4	752582-59-5
	752582-60-8	752582-61-9	752582-62-0	752582-63-1	752582-64-2
	752582-65-3	752582-66-4	752582-67-5	752582-68-6	752582-69-7
	752582-70-0	752582-71-1	752582-72-2	752582-73-3	752582-74-4
	752582-75-5	752582-76-6	752582-77-7	752582-78-8	752582-79-9
	752582-80-2	752582-81-3	752582-82-4	752582-83-5	752582-84-6
	752582-85-7	752582-86-8	752582-87-9	752582-88-0	752582-89-1
	752582-90-4	752582-91-5	752582-92-6	752582-93-7	752582-94-8
	752582-95-9	752582-96-0	752582-97-1	752582-98-2	752582-99-3
	752583-00-9	752583-01-0	752583-02-1	752583-03-2	752583-04-3
	752583-05-4	752583-06-5	752583-07-6	752583-08-7	752583-09-8
	752583-10-1	752583-11-2	752583-12-3	752583-13-4	752583-14-5
	752583-15-6	752583-16-7	752583-17-8	752583-18-9	752583-19-0
	752583-20-3	752583-21-4	752583-22-5	752583-23-6	752583-24-7
	752583-25-8	752583-26-9	752583-27-0	752583-28-1	752583-29-2
	752583-30-5	752583-31-6	752583-32-7	752583-33-8	752583-34-9
	752583-35-0	752583-36-1	752583-37-2	752583-38-3	752583-39-4
	752583-40-7	752583-41-8	752583-42-9	752583-43-0	752583-44-1
	752583-45-2	752583-46-3	752583-47-4	752583-48-5	752583-49-6
	752583-50-9	752583-51-0	752583-52-1	752583-53-2	752583-54-3
	752583-55-4	752583-56-5	752583-57-6	752583-58-7	
	752583-59-8	752583-60-1	752583-61-2	752583-62-3	752583-63-4
	752583-64-5	752583-65-6	752583-66-7	752583-67-8	752583-68-9
	752583-69-0	752583-70-3	752583-71-4	752583-72-5	752583-73-6
	752583-74-7	752583-75-8	752583-76-9	752583-77-0	752583-78-1
	752583-79-2	752583-80-5	752583-81-6	752583-82-7	752583-83-8
	752583-84-9	752583-85-0	752583-86-1	752583-87-2	752583-88-3
	752583-89-4	752583-90-7	752583-91-8	752583-92-9	752583-93-0
	752583-94-1	752583-95-2	752583-96-3	752583-97-4	752583-98-5
	752583-99-6	752584-00-2	752584-01-3	752584-02-4	752584-03-5

752584-04-6	752584-05-7	752584-06-8	752584-07-9	752584-08-0
752584-09-1	752584-10-4	752584-11-5	752584-12-6	752584-13-7
752584-14-8	752584-15-9	752584-16-0	752584-17-1	752584-18-2
752584-19-3	752584-20-6	752584-21-7	752584-22-8	752584-23-9
752584-24-0	752584-25-1	752584-26-2	752584-27-3	752584-28-4
752584-29-5	752584-30-8	752584-31-9	752584-32-0	752584-33-1
752584-34-2	752584-35-3	752584-36-4	752584-37-5	752584-38-6
752584-39-7	752584-40-0	752584-41-1	752584-42-2	752584-43-3
752584-44-4	752584-45-5	752584-46-6	752584-47-7	752584-48-8
752584-49-9				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752584-50-2	752584-51-3	752584-52-4	752584-53-5	752584-54-6
	752584-55-7	752584-56-8	752584-57-9	752584-58-0	752584-59-1
	752584-60-4	752584-61-5	752584-62-6	752584-63-7	752584-64-8
	752584-65-9	752584-66-0	752584-67-1	752584-68-2	752584-69-3
	752584-70-6	752584-71-7	752584-72-8	752584-73-9	752584-74-0
	752584-75-1	752584-76-2	752584-77-3	752584-78-4	752584-79-5
	752584-80-8	752584-81-9	752584-82-0	752584-83-1	752584-84-2
	752584-85-3	752584-86-4	752584-87-5	752584-88-6	752584-89-7
	752584-90-0	752584-91-1	752584-92-2	752584-93-3	752584-94-4
	752584-95-5	752584-96-6	752584-97-7	752584-98-8	752584-99-9
	752585-00-5	752585-01-6	752585-02-7	752585-03-8	752585-04-9
	752585-05-0	752585-06-1	752585-07-2	752585-08-3	752585-09-4
	752585-10-7	752585-11-8	752585-12-9	752585-13-0	752585-14-1
	752585-15-2	752585-16-3	752585-17-4	752585-18-5	752585-19-6
	752585-20-9	752585-21-0	752585-22-1	752585-23-2	752585-24-3
	752585-25-4	752585-26-5	752585-27-6	752585-28-7	752585-29-8
	752585-30-1	752585-31-2	752585-32-3	752585-33-4	752585-34-5
	752585-35-6	752585-36-7	752585-37-8	752585-38-9	752585-39-0
	752585-40-3	752585-41-4	752585-42-5	752585-43-6	752585-44-7
	752585-45-8	752585-46-9	752585-47-0	752585-48-1	752585-49-2
	752585-50-5	752585-51-6	752585-52-7	752585-53-8	752585-54-9
	752585-55-0	752585-56-1	752585-57-2	752585-58-3	752585-59-4
	752585-60-7	752585-61-8	752585-62-9	752585-63-0	752585-64-1
	752585-65-2	752585-66-3	752585-67-4	752585-68-5	752585-69-6
	752585-70-9	752585-71-0	752585-72-1	752585-73-2	752585-74-3
	752585-75-4	752585-76-5	752585-77-6	752585-78-7	752585-79-8
	752585-80-1	752585-81-2	752585-82-3	752585-83-4	752585-84-5
	752585-85-6	752585-86-7	752585-87-8	752585-88-9	752585-89-0
	752585-90-3	752585-91-4	752585-92-5	752585-93-6	752585-94-7
	752585-95-8	752585-96-9	752585-97-0	752585-98-1	752585-99-2
	752586-00-8	752586-01-9	752586-02-0	752586-03-1	752586-04-2
	752586-05-3	752586-06-4	752586-07-5	752586-08-6	752586-09-7
	752586-10-0	752586-11-1	752586-12-2	752586-13-3	752586-14-4
	752586-15-5	752586-16-6	752586-17-7	752586-18-8	752586-19-9
	752586-20-2	752586-21-3	752586-22-4	752586-23-5	752586-24-6
	752586-25-7	752586-26-8	752586-27-9	752586-28-0	752586-29-1
	752586-30-4	752586-31-5	752586-32-6	752586-33-7	752586-34-8
	752586-35-9	752586-36-0	752586-37-1	752586-38-2	752586-39-3
	752586-40-6	752586-41-7	752586-42-8	752586-43-9	752586-44-0
	752586-45-1	752586-46-2	752586-47-3	752586-48-4	752586-49-5
	752586-50-8	752586-51-9	752586-52-0	752586-53-1	752586-54-2
	752586-55-3	752586-56-4	752586-57-5	752586-58-6	752586-59-7
	752586-60-0	752586-61-1	752586-62-2	752586-63-3	752586-64-4
	752586-65-5	752586-66-6	752586-67-7	752586-68-8	752586-69-9
	752586-70-2	752586-71-3	752586-72-4	752586-73-5	752586-74-6
	752586-75-7	752586-76-8	752586-77-9	752586-78-0	752586-79-1
	752586-80-4	752586-81-5	752586-82-6	752586-83-7	752586-84-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752586-85-9	752586-86-0	752586-87-1	752586-88-2	752586-89-3
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752586-90-6	752586-91-7	752586-92-8	752586-93-9	752586-94-0
752586-95-1	752586-96-2	752586-97-3	752586-98-4	752586-99-5
752587-00-1	752587-01-2	752587-02-3	752587-03-4	752587-04-5
752587-05-6	752587-06-7	752587-07-8	752587-08-9	752587-09-0
752587-10-3	752587-11-4	752587-12-5	752587-13-6	752587-14-7
752587-15-8	752587-16-9	752587-17-0	752587-18-1	752587-19-2
752587-20-5	752587-21-6	752587-22-7	752587-23-8	752587-24-9
752587-25-0	752587-26-1	752587-27-2	752587-28-3	752587-29-4
752587-30-7	752587-31-8	752587-32-9	752587-33-0	752587-34-1
752587-35-2	752587-36-3	752587-37-4	752587-38-5	752587-39-6
752587-40-9	752587-41-0	752587-42-1	752587-43-2	752587-44-3
752587-45-4	752587-46-5	752587-47-6	752587-48-7	752587-49-8
752587-50-1	752587-51-2	752587-52-3	752587-53-4	752587-54-5
752587-55-6	752587-56-7	752587-57-8	752587-58-9	752587-59-0
752587-60-3	752587-61-4	752587-62-5	752587-63-6	752587-64-7
752587-65-8	752587-66-9	752587-67-0	752587-68-1	752587-69-2
752587-70-5	752587-71-6	752587-72-7	752587-73-8	752587-74-9
752587-75-0	752587-76-1	752587-77-2	752587-78-3	752587-79-4
752587-80-7	752587-81-8	752587-82-9	752587-83-0	752587-84-1
752587-85-2	752587-86-3	752587-87-4	752587-88-5	752587-89-6
752587-90-9	752587-91-0	752587-92-1	752587-93-2	752587-94-3
752587-95-4	752587-96-5	752587-97-6	752587-98-7	752587-99-8
752588-00-4	752588-01-5	752588-02-6	752588-03-7	752588-04-8
752588-05-9	752588-06-0	752588-07-1	752588-08-2	752588-09-3
752588-10-6	752588-11-7	752588-12-8	752588-13-9	752588-14-0
752588-15-1	752588-16-2	752588-17-3	752588-18-4	752588-19-5
752588-20-8	752588-21-9	752588-22-0	752588-23-1	752588-24-2
752588-25-3	752588-26-4	752588-27-5	752588-28-6	752588-29-7
752588-30-0	752588-31-1	752588-32-2	752588-33-3	752588-34-4
752588-35-5	752588-36-6	752588-37-7	752588-38-8	752588-39-9
752588-40-2	752588-41-3	752588-42-4	752588-43-5	752588-44-6
752588-45-7	752588-46-8	752588-47-9	752588-48-0	752588-49-1
752588-50-4	752588-51-5	752588-52-6	752588-53-7	752588-54-8
752588-55-9	752588-56-0	752588-57-1	752588-58-2	752588-59-3
752588-60-6	752588-61-7	752588-62-8	752588-63-9	752588-64-0
752588-65-1	752588-66-2	752588-67-3	752588-68-4	752588-69-5
752588-70-8	752588-71-9	752588-72-0	752588-73-1	752588-74-2
752588-75-3	752588-76-4	752588-77-5	752588-78-6	752588-79-7
752588-80-0	752588-81-1	752588-82-2	752588-83-3	752588-84-4
752588-85-5	752588-86-6	752588-87-7	752588-88-8	752588-89-9
752588-90-2	752588-91-3	752588-92-4	752588-93-5	752588-94-6
752588-95-7	752588-96-8	752588-97-9	752588-98-0	752588-99-1
752589-00-7	752589-01-8	752589-02-9	752589-03-0	752589-04-1
752589-05-2	752589-06-3	752589-07-4	752589-08-5	752589-09-6
752589-10-9	752589-11-0	752589-12-1	752589-13-2	752589-14-3
752589-15-4	752589-16-5	752589-17-6	752589-18-7	752589-19-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752589-20-1	752589-21-2	752589-22-3	752589-23-4	752589-24-5
	752589-25-6	752589-26-7	752589-27-8	752589-28-9	752589-29-0
	752589-30-3	752589-31-4	752589-32-5	752589-33-6	752589-34-7
	752589-35-8	752589-36-9	752589-37-0	752589-38-1	752589-39-2
	752589-40-5	752589-41-6	752589-42-7	752589-43-8	752589-44-9
	752589-45-0	752589-46-1	752589-47-2	752589-48-3	752589-49-4
	752589-50-7	752589-51-8	752589-52-9	752589-53-0	752589-54-1
	752589-55-2	752589-56-3	752589-57-4	752589-58-5	752589-59-6
	752589-60-9	752589-61-0	752589-62-1	752589-63-2	752589-64-3
	752589-65-4	752589-66-5	752589-67-6	752589-68-7	752589-69-8
	752589-70-1	752589-71-2	752589-72-3	752589-73-4	752589-74-5
	752589-75-6	752589-76-7	752589-77-8	752589-78-9	752589-79-0
	752589-80-3	752589-81-4	752589-82-5	752589-83-6	752589-84-7
	752589-85-8	752589-86-9	752589-87-0	752589-88-1	752589-89-2
	752589-90-5	752589-91-6	752589-92-7	752589-93-8	752589-94-9
	752589-95-0	752589-96-1	752589-97-2	752589-98-3	752589-99-4

752590-00-4	752590-01-5	752590-02-6	752590-03-7	752590-04-8
752590-05-9	752590-06-0	752590-07-1	752590-08-2	752590-09-3
752590-10-6	752590-11-7	752590-12-8	752590-13-9	752590-14-0
752590-15-1	752590-16-2	752590-17-3	752590-18-4	752590-19-5
752590-20-8	752590-21-9	752590-22-0	752590-23-1	752590-24-2
752590-25-3	752590-26-4	752590-27-5	752590-28-6	752590-29-7
752590-30-0	752590-31-1	752590-32-2	752590-33-3	752590-34-4
752590-35-5	752590-36-6	752590-37-7	752590-38-8	752590-39-9
752590-40-2	752590-41-3	752590-42-4	752590-43-5	752590-44-6
752590-45-7	752590-46-8	752590-47-9	752590-48-0	752590-49-1
752590-50-4	752590-51-5	752590-52-6	752590-53-7	752590-54-8
752590-55-9	752590-56-0	752590-57-1	752590-58-2	752590-59-3
752590-60-6	752590-61-7	752590-62-8	752590-63-9	752590-64-0
752590-65-1	752590-66-2	752590-67-3	752590-68-4	752590-69-5
752590-70-8	752590-71-9	752590-72-0	752590-73-1	752590-74-2
752590-75-3	752590-76-4	752590-77-5	752590-78-6	752590-79-7
752590-80-0	752590-81-1	752590-82-2	752590-83-3	752590-84-4
752590-85-5	752590-86-6	752590-87-7	752590-88-8	752590-89-9
752590-90-2	752590-91-3	752590-92-4	752590-93-5	752590-94-6
752590-95-7	752590-96-8	752590-97-9	752590-98-0	752590-99-1
752591-00-7	752591-01-8	752591-02-9	752591-03-0	752591-04-1
752591-05-2	752591-06-3	752591-07-4	752591-08-5	752591-09-6
752591-10-9	752591-11-0	752591-12-1	752591-13-2	752591-14-3
752591-15-4	752591-16-5	752591-17-6	752591-18-7	752591-19-8
752591-20-1	752591-21-2	752591-22-3	752591-23-4	752591-24-5
752591-25-6	752591-26-7	752591-27-8	752591-28-9	752591-29-0
752591-30-3	752591-31-4	752591-32-5	752591-33-6	752591-34-7
752591-35-8	752591-36-9	752591-37-0	752591-38-1	752591-39-2
752591-40-5	752591-41-6	752591-42-7	752591-43-8	752591-44-9
752591-45-0	752591-46-1	752591-47-2	752591-48-3	752591-49-4
752591-50-7	752591-51-8	752591-52-9	752591-53-0	752591-54-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752591-55-2	752591-56-3	752591-57-4	752591-58-5	752591-59-6
	752591-60-9	752591-61-0	752591-62-1	752591-63-2	752591-64-3
	752591-65-4	752591-66-5	752591-67-6	752591-68-7	752591-69-8
	752591-70-1	752591-71-2	752591-72-3	752591-73-4	752591-74-5
	752591-75-6	752591-76-7	752591-77-8	752591-78-9	752591-79-0
	752591-80-3	752591-81-4	752591-82-5	752591-83-6	752591-84-7
	752591-85-8	752591-86-9	752591-87-0	752591-88-1	752591-89-2
	752591-90-5	752591-91-6	752591-92-7	752591-93-8	752591-94-9
	752591-95-0	752591-96-1	752591-97-2	752591-98-3	752591-99-4
	752592-00-0	752592-01-1	752592-02-2	752592-03-3	752592-04-4
	752592-05-5	752592-06-6	752592-07-7	752592-08-8	752592-09-9
	752592-10-2	752592-11-3	752592-12-4	752592-13-5	752592-14-6
	752592-15-7	752592-16-8	752592-17-9	752592-18-0	752592-19-1
	752592-20-4	752592-21-5	752592-22-6	752592-23-7	752592-24-8
	752592-25-9	752592-26-0	752592-27-1	752592-28-2	752592-29-3
	752592-30-6	752592-31-7	752592-32-8	752592-33-9	752592-34-0
	752592-35-1	752592-36-2	752592-37-3	752592-38-4	752592-39-5
	752592-40-8	752592-41-9	752592-42-0	752592-43-1	752592-44-2
	752592-45-3	752592-46-4	752592-47-5	752592-48-6	752592-49-7
	752592-50-0	752592-51-1	752592-52-2	752592-53-3	752592-54-4
	752592-55-5	752592-56-6	752592-57-7	752592-58-8	752592-59-9
	752592-60-2	752592-61-3	752592-62-4	752592-63-5	752592-64-6
	752592-65-7	752592-66-8	752592-67-9	752592-68-0	752592-69-1
	752592-70-4	752592-71-5	752592-72-6	752592-73-7	752592-74-8
	752592-75-9	752592-76-0	752592-77-1	752592-78-2	752592-79-3
	752592-80-6	752592-81-7	752592-82-8	752592-83-9	752592-84-0
	752592-85-1	752592-86-2	752592-87-3	752592-88-4	752592-89-5
	752592-90-8	752592-91-9	752592-92-0	752592-93-1	752592-94-2
	752592-95-3	752592-96-4	752592-97-5	752592-98-6	752592-99-7
	752593-00-3	752593-01-4	752593-02-5	752593-03-6	752593-04-7
	752593-05-8	752593-06-9	752593-07-0	752593-08-1	752593-09-2

752593-10-5	752593-11-6	752593-12-7	752593-13-8	752593-14-9
752593-15-0	752593-16-1	752593-17-2	752593-18-3	752593-19-4
752593-20-7	752593-21-8	752593-22-9	752593-23-0	752593-24-1
752593-25-2	752593-26-3	752593-27-4	752593-28-5	752593-29-6
752593-30-9	752593-31-0	752593-32-1	752593-33-2	752593-34-3
752593-35-4	752593-36-5	752593-37-6	752593-38-7	752593-39-8
752593-40-1	752593-41-2	752593-42-3	752593-43-4	752593-44-5
752593-45-6	752593-46-7	752593-47-8	752593-48-9	752593-49-0
752593-50-3	752593-51-4	752593-52-5	752593-53-6	752593-54-7
752593-55-8	752593-56-9	752593-57-0	752593-58-1	752593-59-2
752593-60-5	752593-61-6	752593-62-7	752593-63-8	752593-64-9
752593-65-0	752593-66-1	752593-67-2	752593-68-3	752593-69-4
752593-70-7	752593-71-8	752593-72-9	752593-73-0	752593-74-1
752593-75-2	752593-76-3	752593-77-4	752593-78-5	752593-79-6
752593-80-9	752593-81-0	752593-82-1	752593-83-2	752593-84-3
752593-85-4	752593-86-5	752593-87-6	752593-88-7	752593-89-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752593-90-1	752593-91-2	752593-92-3	752593-93-4	752593-94-5
	752593-95-6	752593-96-7	752593-97-8	752593-98-9	752593-99-0
	752594-00-6	752594-01-7	752594-02-8	752594-03-9	752594-04-0
	752594-05-1	752594-06-2	752594-07-3	752594-08-4	752594-09-5
	752594-10-8	752594-11-9	752594-12-0	752594-13-1	752594-14-2
	752594-15-3	752594-16-4	752594-17-5	752594-18-6	752594-19-7
	752594-20-0	752594-21-1	752594-22-2	752594-23-3	752594-24-4
	752594-25-5	752594-26-6	752594-27-7	752594-28-8	752594-29-9
	752594-30-2	752594-31-3	752594-32-4	752594-33-5	752594-34-6
	752594-35-7	752594-36-8	752594-37-9	752594-38-0	752594-39-1
	752594-40-4	752594-41-5	752594-42-6	752594-43-7	752594-44-8
	752594-45-9	752594-46-0	752594-47-1	752594-48-2	752594-49-3
	752594-50-6	752594-51-7	752594-52-8	752594-53-9	752594-54-0
	752594-55-1	752594-56-2	752594-57-3	752594-58-4	752594-59-5
	752594-60-8	752594-61-9	752594-62-0	752594-63-1	752594-64-2
	752594-65-3	752594-66-4	752594-67-5	752594-68-6	752594-69-7
	752594-70-0	752594-71-1	752594-72-2	752594-73-3	752594-74-4
	752594-75-5	752594-76-6	752594-77-7	752594-78-8	752594-79-9
	752594-80-2	752594-81-3	752594-82-4	752594-83-5	752594-84-6
	752594-85-7	752594-86-8	752594-87-9	752594-88-0	752594-89-1
	752594-90-4	752594-91-5	752594-92-6	752594-93-7	752594-94-8
	752594-95-9	752594-96-0	752594-97-1	752594-98-2	752594-99-3
	752595-00-9	752595-01-0	752595-02-1	752595-03-2	752595-04-3
	752595-05-4	752595-06-5	752595-07-6	752595-08-7	752595-09-8
	752595-10-1	752595-11-2	752595-12-3	752595-13-4	752595-14-5
	752595-15-6	752595-16-7	752595-17-8	752595-18-9	752595-19-0
	752595-20-3	752595-21-4	752595-22-5	752595-23-6	752595-24-7
	752595-25-8	752595-26-9	752595-27-0	752595-28-1	752595-29-2
	752595-30-5	752595-31-6	752595-32-7	752595-33-8	752595-34-9
	752595-35-0	752595-36-1	752595-37-2	752595-38-3	752595-39-4
	752595-40-7	752595-41-8	752595-42-9	752595-43-0	752595-44-1
	752595-45-2	752595-46-3	752595-47-4	752595-48-5	752595-49-6
	752595-50-9	752595-51-0	752595-52-1	752595-53-2	752595-54-3
	752595-55-4	752595-56-5	752595-57-6	752595-58-7	752595-59-8
	752595-60-1	752595-61-2	752595-62-3	752595-63-4	752595-64-5
	752595-65-6	752595-66-7	752595-67-8	752595-68-9	752595-69-0
	752595-70-3	752595-71-4	752595-72-5	752595-73-6	752595-74-7
	752595-75-8	752595-76-9	752595-77-0	752595-78-1	752595-79-2
	752595-80-5	752595-81-6	752595-82-7	752595-83-8	752595-84-9
	752595-85-0	752595-86-1	752595-87-2	752595-88-3	752595-89-4
	752595-90-7	752595-91-8	752595-92-9	752595-93-0	752595-94-1
	752595-95-2	752595-96-3	752595-97-4	752595-98-5	752595-99-6
	752596-00-2	752596-01-3	752596-02-4	752596-03-5	752596-04-6
	752596-05-7	752596-06-8	752596-07-9	752596-08-0	752596-09-1
	752596-10-4	752596-11-5	752596-12-6	752596-13-7	752596-14-8
	752596-15-9	752596-16-0	752596-17-1	752596-18-2	752596-19-3

752596-20-6 752596-21-7 752596-22-8 752596-23-9 752596-24-0
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT	752596-25-1	752596-26-2	752596-27-3	752596-28-4	752596-29-5
	752596-30-8	752596-31-9	752596-32-0	752596-33-1	752596-34-2
	752596-35-3	752596-36-4	752596-37-5	752596-38-6	752596-39-7
	752596-40-0	752596-41-1	752596-42-2	752596-43-3	752596-44-4
	752596-45-5	752596-46-6	752596-47-7	752596-48-8	752596-49-9
	752596-50-2	752596-51-3	752596-52-4	752596-53-5	752596-54-6
	752596-55-7	752596-56-8	752596-57-9	752596-58-0	752596-59-1
	752596-60-4	752596-61-5	752596-62-6	752596-63-7	752596-64-8
	752596-65-9	752596-66-0	752596-67-1	752596-68-2	752596-69-3
	752596-70-6	752596-71-7	752596-72-8	752596-73-9	752596-74-0
	752596-75-1	752596-76-2	752596-77-3	752596-78-4	752596-79-5
	752596-80-8	752596-81-9	752596-82-0	752596-83-1	752596-84-2
	752596-85-3	752596-86-4	752596-87-5	752596-88-6	752596-89-7
	752596-90-0	752596-91-1	752596-92-2	752596-93-3	752596-94-4
	752596-95-5	752596-96-6	752596-97-7	752596-98-8	752596-99-9
	752597-00-5	752597-01-6	752597-02-7	752597-03-8	752597-04-9
	752597-05-0	752597-06-1	752597-07-2	752597-08-3	752597-09-4
	752597-10-7	752597-11-8	752597-12-9	752597-13-0	752597-14-1
	752597-15-2	752597-16-3	752597-17-4	752597-18-5	752597-19-6
	752597-20-9	752597-21-0	752597-22-1	752597-23-2	752597-24-3
	752597-25-4	752597-26-5	752597-27-6	752597-28-7	752597-29-8
	752597-30-1	752597-31-2	752597-32-3	752597-33-4	752597-34-5
	752597-35-6	752597-36-7	752597-37-8	752597-38-9	752597-39-0
	752597-40-3	752597-41-4	752597-42-5	752597-43-6	752597-44-7
	752597-45-8	752597-46-9	752597-47-0	752597-48-1	752597-49-2
	752597-50-5	752597-51-6	752597-52-7	752597-53-8	752597-54-9
	752597-55-0	752597-56-1	752597-57-2	752597-58-3	752597-59-4
	752597-60-7	752597-61-8	752597-62-9	752597-63-0	752597-64-1
	752597-65-2	752597-66-3	752597-67-4	752597-68-5	752597-69-6
	752597-70-9	752597-71-0	752597-72-1	752597-73-2	752597-74-3
	752597-75-4	752597-76-5	752597-77-6	752597-78-7	752597-79-8
	752597-80-1	752597-81-2	752597-82-3	752597-83-4	752597-84-5
	752597-85-6	752597-86-7	752597-87-8	752597-88-9	752597-89-0
	752597-90-3	752597-91-4	752597-92-5	752597-93-6	752597-94-7
	752597-95-8	752597-96-9	752597-97-0	752597-98-1	752597-99-2
	752598-00-8	752598-01-9	752598-02-0	752598-03-1	752598-04-2
	752598-05-3	752598-06-4	752598-07-5	752598-08-6	752598-09-7
	752598-10-0	752598-11-1	752598-12-2	752598-13-3	752598-14-4
	752598-15-5	752598-16-6	752598-17-7	752598-18-8	752598-19-9
	752598-20-2	752598-21-3	752598-22-4	752598-23-5	752598-24-6
	752598-25-7	752598-26-8	752598-27-9	752598-28-0	752598-29-1
	752598-30-4	752598-31-5	752598-32-6	752598-33-7	752598-34-8
	752598-35-9	752598-36-0	752598-37-1	752598-38-2	752598-39-3
	752598-40-6	752598-41-7	752598-42-8	752598-43-9	752598-44-0
	752598-45-1	752598-46-2	752598-47-3	752598-48-4	752598-49-5
	752598-50-8	752598-51-9	752598-52-0	752598-53-1	752598-54-2
	752598-55-3	752598-56-4	752598-57-5	752598-58-6	752598-59-7

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT	752598-60-0	752598-61-1	752598-62-2	752598-63-3	752598-64-4
	752598-65-5	752598-66-6	752598-67-7	752598-68-8	752598-69-9
	752598-70-2	752598-71-3	752598-72-4	752598-73-5	752598-74-6
	752598-75-7	752598-76-8	752598-77-9	752598-78-0	752598-79-1
	752598-80-4	752598-81-5	752598-82-6	752598-83-7	752598-84-8
	752598-85-9	752598-86-0	752598-87-1	752598-88-2	752598-89-3
	752598-90-6	752598-91-7	752598-92-8	752598-93-9	752598-94-0
	752598-95-1	752598-96-2	752598-97-3	752598-98-4	752598-99-5
	752599-00-1	752599-01-2	752599-02-3	752599-03-4	752599-04-5
	752599-05-6	752599-06-7	752599-07-8	752599-08-9	752599-09-0

752599-10-3	752599-11-4	752599-12-5	752599-13-6	752599-14-7
752599-15-8	752599-16-9	752599-17-0	752599-18-1	752599-19-2
752599-20-5	752599-21-6	752599-22-7	752599-23-8	752599-24-9
752599-25-0	752599-26-1	752599-27-2	752599-28-3	752599-29-4
752599-30-7	752599-31-8	752599-32-9	752599-33-0	752599-34-1
752599-35-2	752599-36-3	752599-37-4	752599-38-5	752599-39-6
752599-40-9	752599-41-0	752599-42-1	752599-43-2	752599-44-3
752599-45-4	752599-46-5	752599-47-6	752599-48-7	752599-49-8
752599-50-1	752599-51-2	752599-52-3	752599-53-4	752599-54-5
752599-55-6	752599-56-7	752599-57-8	752599-58-9	752599-59-0
752599-60-3	752599-61-4	752599-62-5	752599-63-6	752599-64-7
752599-65-8	752599-66-9	752599-67-0	752599-68-1	752599-69-2
752599-70-5	752599-71-6	752599-72-7	752599-73-8	752599-74-9
752599-75-0	752599-76-1	752599-77-2	752599-78-3	752599-79-4
752599-80-7	752599-81-8	752599-82-9	752599-83-0	752599-84-1
752599-85-2	752599-86-3	752599-87-4	752599-88-5	752599-89-6
752599-90-9	752599-91-0	752599-92-1	752599-93-2	752599-94-3
752599-95-4	752599-96-5	752599-97-6	752599-98-7	752599-99-8
752600-00-3	752600-01-4	752600-02-5	752600-03-6	752600-04-7
752600-05-8	752600-06-9	752600-07-0	752600-08-1	752600-09-2
752600-10-5	752600-11-6	752600-12-7	752600-13-8	752600-14-9
752600-15-0	752600-16-1	752600-17-2	752600-18-3	752600-19-4
752600-20-7	752600-21-8	752600-22-9	752600-23-0	752600-24-1
752600-25-2	752600-26-3	752600-27-4	752600-28-5	752600-29-6
752600-30-9	752600-31-0	752600-32-1	752600-33-2	752600-34-3
752600-35-4	752600-36-5	752600-37-6	752600-38-7	752600-39-8
752600-40-1	752600-41-2	752600-42-3	752600-43-4	752600-44-5
752600-45-6	752600-46-7	752600-47-8	752600-48-9	752600-49-0
752600-50-3	752600-51-4	752600-52-5	752600-53-6	752600-54-7
752600-55-8	752600-56-9	752600-57-0	752600-58-1	752600-59-2
752600-60-5	752600-61-6	752600-62-7	752600-63-8	752600-64-9
752600-65-0	752600-66-1	752600-67-2	752600-68-3	752600-69-4
752600-70-7	752600-71-8	752600-72-9	752600-73-0	752600-74-1
752600-75-2	752600-76-3	752600-77-4	752600-78-5	752600-79-6
752600-80-9	752600-81-0	752600-82-1	752600-83-2	752600-84-3
752600-85-4	752600-86-5	752600-87-6	752600-88-7	752600-89-8
752600-90-1	752600-91-2	752600-92-3	752600-93-4	752600-94-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752600-95-6	752600-96-7	752600-97-8	752600-98-9	752600-99-0
	752601-00-6	752601-01-7	752601-02-8	752601-03-9	752601-04-0
	752601-05-1	752601-06-2	752601-07-3	752601-08-4	752601-09-5
	752601-10-8	752601-11-9	752601-12-0	752601-13-1	752601-14-2
	752601-15-3	752601-16-4	752601-17-5	752601-18-6	752601-19-7
	752601-20-0	752601-21-1	752601-22-2	752601-23-3	752601-24-4
	752601-25-5	752601-26-6	752601-27-7	752601-28-8	752601-29-9
	752601-30-2	752601-31-3	752601-32-4	752601-33-5	752601-34-6
	752601-35-7	752601-36-8	752601-37-9	752601-38-0	752601-39-1
	752601-40-4	752601-41-5	752601-42-6	752601-43-7	752601-44-8
	752601-45-9	752601-46-0	752601-47-1	752601-48-2	752601-49-3
	752601-50-6	752601-51-7	752601-52-8	752601-53-9	752601-54-0
	752601-55-1	752601-56-2	752601-57-3	752601-58-4	752601-59-5
	752601-60-8	752601-61-9	752601-62-0	752601-63-1	752601-64-2
	752601-65-3	752601-66-4	752601-67-5	752601-68-6	752601-69-7
	752601-70-0	752601-71-1	752601-72-2	752601-73-3	752601-74-4
	752601-75-5	752601-76-6	752601-77-7	752601-78-8	752601-79-9
	752601-80-2	752601-81-3	752601-82-4	752601-83-5	752601-84-6
	752601-85-7	752601-86-8	752601-87-9	752601-88-0	752601-89-1
	752601-90-4	752601-91-5	752601-92-6	752601-93-7	752601-94-8
	752601-95-9	752601-96-0	752601-97-1	752601-98-2	752601-99-3
	752602-00-9	752602-01-0	752602-02-1	752602-03-2	752602-04-3
	752602-05-4	752602-06-5	752602-07-6	752602-08-7	752602-09-8
	752602-10-1	752602-11-2	752602-12-3	752602-13-4	752602-14-5
	752602-15-6	752602-16-7	752602-17-8	752602-18-9	752602-19-0

752602-20-3	752602-21-4	752602-22-5	752602-23-6	752602-24-7
752602-25-8	752602-26-9	752602-27-0	752602-28-1	752602-29-2
752602-30-5	752602-31-6	752602-32-7	752602-33-8	752602-34-9
752602-35-0	752602-36-1	752602-37-2	752602-38-3	752602-39-4
752602-40-7	752602-41-8	752602-42-9	752602-43-0	752602-44-1
752602-45-2	752602-46-3	752602-47-4	752602-48-5	752602-49-6
752602-50-9	752602-51-0	752602-52-1	752602-53-2	752602-54-3
752602-55-4	752602-56-5	752602-57-6	752602-58-7	752602-59-8
752602-60-1	752602-61-2	752602-62-3	752602-63-4	752602-64-5
752602-65-6	752602-66-7	752602-67-8	752602-68-9	752602-69-0
752602-70-3	752602-71-4	752602-72-5	752602-73-6	752602-74-7
752602-75-8	752602-76-9	752602-77-0	752602-78-1	752602-79-2
752602-80-5	752602-81-6	752602-82-7	752602-83-8	752602-84-9
752602-85-0	752602-86-1	752602-87-2	752602-88-3	752602-89-4
752602-90-7	752602-91-8	752602-92-9	752602-93-0	752602-94-1
752602-95-2	752602-96-3	752602-97-4	752602-98-5	752602-99-6
752603-00-2	752603-01-3	752603-02-4	752603-03-5	752603-04-6
752603-05-7	752603-06-8	752603-07-9	752603-08-0	752603-09-1
752603-10-4	752603-11-5	752603-12-6	752603-13-7	752603-14-8
752603-15-9	752603-16-0	752603-17-1	752603-18-2	752603-19-3
752603-20-6	752603-21-7	752603-22-8	752603-23-9	752603-24-0
752603-25-1	752603-26-2	752603-27-3	752603-28-4	752603-29-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752603-30-8	752603-31-9	752603-32-0	752603-33-1	752603-34-2
	752603-35-3	752603-36-4	752603-37-5	752603-38-6	752603-39-7
	752603-40-0	752603-41-1	752603-42-2	752603-43-3	752603-44-4
	752603-45-5	752603-46-6	752603-47-7	752603-48-8	752603-49-9
	752603-50-2	752603-51-3	752603-52-4	752603-53-5	752603-54-6
	752603-55-7	752603-56-8	752603-57-9	752603-58-0	752603-59-1
	752603-60-4	752603-61-5	752603-62-6	752603-63-7	752603-64-8
	752603-65-9	752603-66-0	752603-67-1	752603-68-2	752603-69-3
	752603-70-6	752603-71-7	752603-72-8	752603-73-9	752603-74-0
	752603-75-1	752603-76-2	752603-77-3	752603-78-4	752603-79-5
	752603-80-8	752603-81-9	752603-82-0	752603-83-1	752603-84-2
	752603-85-3	752603-86-4	752603-87-5	752603-88-6	752603-89-7
	752603-90-0	752603-91-1	752603-92-2	752603-93-3	752603-94-4
	752603-95-5	752603-96-6	752603-97-7	752603-98-8	752603-99-9
	752604-00-5	752604-01-6	752604-02-7	752604-03-8	752604-04-9
	752604-05-0	752604-06-1	752604-07-2	752604-08-3	752604-09-4
	752604-10-7	752604-11-8	752604-12-9	752604-13-0	752604-14-1
	752604-15-2	752604-16-3	752604-17-4	752604-18-5	752604-19-6
	752604-20-9	752604-21-0	752604-22-1	752604-23-2	752604-24-3
	752604-25-4	752604-26-5	752604-27-6	752604-28-7	752604-29-8
	752604-30-1	752604-31-2	752604-32-3	752604-33-4	752604-34-5
	752604-35-6	752604-36-7	752604-37-8	752604-38-9	752604-39-0
	752604-40-3	752604-41-4	752604-42-5	752604-43-6	752604-44-7
	752604-45-8	752604-46-9	752604-47-0	752604-48-1	752604-49-2
	752604-50-5	752604-51-6	752604-52-7	752604-53-8	752604-54-9
	752604-55-0	752604-56-1	752604-57-2	752604-58-3	752604-59-4
	752604-60-7	752604-61-8	752604-62-9	752604-63-0	752604-64-1
	752604-65-2	752604-66-3	752604-67-4	752604-68-5	752604-69-6
	752604-70-9	752604-71-0	752604-72-1	752604-73-2	752604-74-3
	752604-75-4	752604-76-5	752604-77-6	752604-78-7	752604-79-8
	752604-80-1	752604-81-2	752604-82-3	752604-83-4	752604-84-5
	752604-85-6	752604-86-7	752604-87-8	752604-88-9	752604-89-0
	752604-90-3	752604-91-4	752604-92-5	752604-93-6	752604-94-7
	752604-95-8	752604-96-9	752604-97-0	752604-98-1	752604-99-2
	752605-00-8	752605-01-9	752605-02-0	752605-03-1	752605-04-2
	752605-05-3	752605-06-4	752605-07-5	752605-08-6	752605-09-7
	752605-10-0	752605-11-1	752605-12-2	752605-13-3	752605-14-4
	752605-15-5	752605-16-6	752605-17-7	752605-18-8	752605-19-9
	752605-20-2	752605-21-3	752605-22-4	752605-23-5	752605-24-6
	752605-25-7	752605-26-8	752605-27-9	752605-28-0	752605-29-1

752605-30-4	752605-31-5	752605-32-6	752605-33-7	752605-34-8
752605-35-9	752605-36-0	752605-37-1	752605-38-2	752605-39-3
752605-40-6	752605-41-7	752605-42-8	752605-43-9	752605-44-0
752605-45-1	752605-46-2	752605-47-3	752605-48-4	752605-49-5
752605-50-8	752605-51-9	752605-52-0	752605-53-1	752605-54-2
752605-55-3	752605-56-4	752605-57-5	752605-58-6	752605-59-7
752605-60-0	752605-61-1	752605-62-2	752605-63-3	752605-64-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752605-65-5	752605-66-6	752605-67-7	752605-68-8	752605-69-9
	752605-70-2	752605-71-3	752605-72-4	752605-73-5	752605-74-6
	752605-75-7	752605-76-8	752605-77-9	752605-78-0	752605-79-1
	752605-80-4	752605-81-5	752605-82-6	752605-83-7	752605-84-8
	752605-85-9	752605-86-0	752605-87-1	752605-88-2	752605-89-3
	752605-90-6	752605-91-7	752605-92-8	752605-93-9	752605-94-0
	752605-95-1	752605-96-2	752605-97-3	752605-98-4	752605-99-5
	752606-00-1	752606-01-2	752606-02-3	752606-03-4	752606-04-5
	752606-05-6	752606-06-7	752606-07-8	752606-08-9	752606-09-0
	752606-10-3	752606-11-4	752606-12-5	752606-13-6	752606-14-7
	752606-15-8	752606-16-9	752606-17-0	752606-18-1	752606-19-2
	752606-20-5	752606-21-6	752606-22-7	752606-23-8	752606-24-9
	752606-25-0	752606-26-1	752606-27-2	752606-28-3	752606-29-4
	752606-30-7	752606-31-8	752606-32-9	752606-33-0	752606-34-1
	752606-35-2	752606-36-3	752606-37-4	752606-38-5	752606-39-6
	752606-40-9	752606-41-0	752606-42-1	752606-43-2	752606-44-3
	752606-45-4	752606-46-5	752606-47-6	752606-48-7	752606-49-8
	752606-50-1	752606-51-2	752606-52-3	752606-53-4	752606-54-5
	752606-55-6	752606-56-7	752606-57-8	752606-58-9	752606-59-0
	752606-60-3	752606-61-4	752606-62-5	752606-63-6	752606-64-7
	752606-65-8	752606-66-9	752606-67-0	752606-68-1	752606-69-2
	752606-70-5	752606-71-6	752606-72-7	752606-73-8	752606-74-9
	752606-75-0	752606-76-1	752606-77-2	752606-78-3	752606-79-4
	752606-80-7	752606-81-8	752606-82-9	752606-83-0	752606-84-1
	752606-85-2	752606-86-3	752606-87-4	752606-88-5	752606-89-6
	752606-90-9	752606-91-0	752606-92-1	752606-93-2	752606-94-3
	752606-95-4	752606-96-5	752606-97-6	752606-98-7	752606-99-8
	752607-00-4	752607-01-5	752607-02-6	752607-03-7	752607-04-8
	752607-05-9	752607-06-0	752607-07-1	752607-08-2	752607-09-3
	752607-10-6	752607-11-7	752607-12-8	752607-13-9	752607-14-0
	752607-15-1	752607-16-2	752607-17-3	752607-18-4	752607-19-5
	752607-20-8	752607-21-9	752607-22-0	752607-23-1	752607-24-2
	752607-25-3	752607-26-4	752607-27-5	752607-28-6	752607-29-7
	752607-30-0	752607-31-1	752607-32-2	752607-33-3	752607-34-4
	752607-35-5	752607-36-6	752607-37-7	752607-38-8	752607-39-9
	752607-40-2	752607-41-3	752607-42-4	752607-43-5	752607-44-6
	752607-45-7	752607-46-8	752607-47-9	752607-48-0	752607-49-1
	752607-50-4	752607-51-5	752607-52-6	752607-53-7	752607-54-8
	752607-55-9	752607-56-0	752607-57-1	752607-58-2	752607-59-3
	752607-60-6	752607-61-7	752607-62-8	752607-63-9	752607-64-0
	752607-65-1	752607-66-2	752607-67-3	752607-68-4	752607-69-5
	752607-70-8	752607-71-9	752607-72-0	752607-73-1	752607-74-2
	752607-75-3	752607-76-4	752607-77-5	752607-78-6	752607-79-7
	752607-80-0	752607-81-1	752607-82-2	752607-83-3	752607-84-4
	752607-85-5	752607-86-6	752607-87-7	752607-88-8	752607-89-9
	752607-90-2	752607-91-3	752607-92-4	752607-93-5	752607-94-6
	752607-95-7	752607-96-8	752607-97-9	752607-98-0	752607-99-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752608-00-7	752608-01-8	752608-02-9	752608-03-0	752608-04-1
	752608-05-2	752608-06-3	752608-07-4	752608-08-5	752608-09-6
	752608-10-9	752608-11-0	752608-12-1	752608-13-2	752608-14-3
	752608-15-4	752608-16-5	752608-17-6	752608-18-7	752608-19-8

752608-20-1	752608-21-2	752608-22-3	752608-23-4	752608-24-5
752608-25-6	752608-26-7	752608-27-8	752608-28-9	752608-29-0
752608-30-3	752608-31-4	752608-32-5	752608-33-6	752608-34-7
752608-35-8	752608-36-9	752608-37-0	752608-38-1	752608-39-2
752608-40-5	752608-41-6	752608-42-7	752608-43-8	752608-44-9
752608-45-0	752608-46-1	752608-47-2	752608-48-3	752608-49-4
752608-50-7	752608-51-8	752608-52-9	752608-53-0	752608-54-1
752608-55-2	752608-56-3	752608-57-4	752608-58-5	752608-59-6
752608-60-9	752608-61-0	752608-62-1	752608-63-2	752608-64-3
752608-65-4	752608-66-5	752608-67-6	752608-68-7	752608-69-8
752608-70-1	752608-71-2	752608-72-3	752608-73-4	752608-74-5
752608-75-6	752608-76-7	752608-77-8	752608-78-9	752608-79-0
752608-80-3	752608-81-4	752608-82-5	752608-83-6	752608-84-7
752608-85-8	752608-86-9	752608-87-0	752608-88-1	752608-89-2
752608-90-5	752608-91-6	752608-92-7	752608-93-8	752608-94-9
752608-95-0	752608-96-1	752608-97-2	752608-98-3	752608-99-4
752609-00-0	752609-01-1	752609-02-2	752609-03-3	752609-04-4
752609-05-5	752609-06-6	752609-07-7	752609-08-8	752609-09-9
752609-10-2	752609-11-3	752609-12-4	752609-13-5	752609-14-6
752609-15-7	752609-16-8	752609-17-9	752609-18-0	
752609-19-1	752609-20-4	752609-21-5	752609-22-6	752609-23-7
752609-24-8	752609-25-9	752609-26-0	752609-27-1	752609-28-2
752609-29-3	752609-30-6	752609-31-7	752609-32-8	752609-33-9
752609-34-0	752609-35-1	752609-36-2	752609-37-3	752609-38-4
752609-39-5	752609-40-8	752609-41-9	752609-42-0	752609-43-1
752609-44-2	752609-45-3	752609-46-4	752609-47-5	752609-48-6
752609-49-7	752609-50-0	752609-51-1	752609-52-2	752609-53-3
752609-54-4	752609-55-5	752609-56-6	752609-57-7	752609-58-8
752609-59-9	752609-60-2	752609-61-3	752609-62-4	752609-63-5
752609-64-6	752609-65-7	752609-66-8	752609-67-9	752609-68-0
752609-69-1	752609-70-4	752609-71-5	752609-72-6	752609-73-7
752609-74-8	752609-75-9	752609-76-0	752609-77-1	752609-78-2
752609-79-3	752609-80-6	752609-81-7	752609-82-8	752609-83-9
752609-84-0	752609-85-1	752609-86-2	752609-87-3	752609-88-4
752609-89-5	752609-90-8	752609-91-9	752609-92-0	752609-93-1
752609-94-2	752609-95-3	752609-96-4	752609-97-5	752609-98-6
752609-99-7	752610-00-7	752610-01-8	752610-02-9	752610-03-0
752610-04-1	752610-05-2	752610-06-3	752610-07-4	752610-08-5
752610-09-6	752610-10-9	752610-11-0	752610-12-1	752610-13-2
752610-14-3	752610-15-4	752610-16-5	752610-17-6	752610-18-7
752610-19-8	752610-20-1	752610-21-2	752610-22-3	752610-23-4
752610-24-5	752610-25-6	752610-26-7	752610-27-8	752610-28-9
752610-29-0	752610-30-3	752610-31-4	752610-32-5	752610-33-6
752610-34-7				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752610-35-8	752610-36-9	752610-37-0	752610-38-1	752610-39-2
	752610-40-5	752610-41-6	752610-42-7	752610-43-8	752610-44-9
	752610-45-0	752610-46-1	752610-47-2	752610-48-3	752610-49-4
	752610-50-7	752610-51-8	752610-52-9	752610-53-0	752610-54-1
	752610-55-2	752610-56-3	752610-57-4	752610-58-5	752610-59-6
	752610-60-9	752610-61-0	752610-62-1	752610-63-2	752610-64-3
	752610-65-4	752610-66-5	752610-67-6	752610-68-7	752610-69-8
	752610-70-1	752610-71-2	752610-72-3	752610-73-4	752610-74-5
	752610-75-6	752610-76-7	752610-77-8	752610-78-9	752610-79-0
	752610-80-3	752610-81-4	752610-82-5	752610-83-6	752610-84-7
	752610-85-8	752610-86-9	752610-87-0	752610-88-1	752610-89-2
	752610-90-5	752610-91-6	752610-92-7	752610-93-8	752610-94-9
	752610-95-0	752610-96-1	752610-97-2	752610-98-3	752610-99-4
	752611-00-0	752611-01-1	752611-02-2	752611-03-3	752611-04-4
	752611-05-5	752611-06-6	752611-07-7	752611-08-8	752611-09-9
	752611-10-2	752611-11-3	752611-12-4	752611-13-5	752611-14-6
	752611-15-7	752611-16-8	752611-17-9	752611-18-0	752611-19-1
	752611-20-4	752611-21-5	752611-22-6	752611-23-7	752611-24-8

752611-25-9	752611-26-0	752611-27-1	752611-28-2	752611-29-3
752611-30-6	752611-31-7	752611-32-8	752611-33-9	752611-34-0
752611-35-1	752611-36-2	752611-37-3	752611-38-4	752611-39-5
752611-40-8	752611-41-9	752611-42-0	752611-43-1	752611-44-2
752611-45-3	752611-46-4	752611-47-5	752611-48-6	752611-49-7
752611-50-0	752611-51-1	752611-52-2	752611-53-3	752611-54-4
752611-55-5	752611-56-6	752611-57-7	752611-58-8	752611-59-9
752611-60-2	752611-61-3	752611-62-4	752611-63-5	752611-64-6
752611-65-7	752611-66-8	752611-67-9	752611-68-0	752611-69-1
752611-70-4	752611-71-5	752611-72-6	752611-73-7	752611-74-8
752611-75-9	752611-76-0	752611-77-1	752611-78-2	752611-79-3
752611-80-6	752611-81-7	752611-82-8	752611-83-9	752611-84-0
752611-85-1	752611-86-2	752611-87-3	752611-88-4	752611-89-5
752611-90-8	752611-91-9	752611-92-0	752611-93-1	752611-94-2
752611-95-3	752611-96-4	752611-97-5	752611-98-6	752611-99-7
752612-00-3	752612-01-4	752612-02-5	752612-03-6	752612-04-7
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752612-65-0	752612-66-1	752612-67-2	752612-68-3	752612-69-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 752612-70-7	752612-71-8	752612-72-9	752612-73-0	752612-74-1
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752615-00-2	752615-01-3	752615-02-4	752615-03-5	752615-04-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752615-05-7	752615-06-8	752615-07-9	752615-08-0	752615-09-1
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	752615-40-0	752615-41-1	752615-42-2	752615-43-3	752615-44-4
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	752617-35-9	752617-36-0	752617-37-1	752617-38-2	752617-39-3

RL: BSU (Biological study, unclassified); BUU (Biological use,

unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and
their uses improvement of transgenic plants)

IT 752617-40-6 752617-41-7 752617-42-8 752617-43-9 752617-44-0
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752618-00-1 752618-01-2

RL: BSU (Biological study, unclassified); BUU (Biological use,
unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and
their uses improvement of transgenic plants)

IT 9005-53-2P, Lignin, preparation 11078-30-1P, Galactomannan
RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP
(Preparation)
(improved production of; sorghum nucleic acids and encoded proteins and
their uses improvement of transgenic plants)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen,
biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(improved use and/or uptake of; sorghum nucleic acids and encoded
proteins and their uses improvement of transgenic plants)

IT 752580-97-5 752583-56-5 752609-15-7
RL: BSU (Biological study, unclassified); BUU (Biological use,
unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and
their uses improvement of transgenic plants)

RN 752580-97-5 HCAPLUS

CN Proteein (sorghum clone SORBI-28MAY03-C87063_1.pep fragment) (9CI) (CA
INDEX NAME)

SEQ 1 MAIRGGAI AA LLLVALLALS SSASAQFVSR RPSKQPPRTS TPGDPKKPPR
51 NGKFTTVVAN RHHKRNYQIT CTTDWGASCY VKCPARCPNK CLAYCAYCLT
101 FCMCDLMPGT SCGDPRFTGA DGNTFYFHGK KDESFCCLVSD DRLHINARFM
151 GNHNADSGRD FTWVQALGVT FGAGDGAHSH

RN 752583-56-5 HCAPLUS

CN Proteein (sorghum clone SORBI-28MAY03-C95906_1.pep fragment) (9CI) (CA
INDEX NAME)

SEQ 1 HDLVLLDNLS FGVIIRVEAE AFQVLKGVPD RPEVVLVKLR EIKSKIDRRS
51 SAKDRSNII SASAGVRVIE GACKGKQGPV EHIHKGILFI YDRHHLEHAG
101 FICAKAQSCS LVGGSAGGRR GNGMDTADAR LGALRSSASI LQSPGRLPPR
151 GPNMNYGGRF GGGRGGRGHD ALVGKCIKIK SGPKYGYRGR VKEVTGALVR
201 VELDSLMMKIV TVKRDDIADT PTVATPFR

RN 752609-15-7 HCAPLUS

CN Proteein (sorghum clone SORBI-28MAY03-C93047_1.pep fragment) (9CI) (CA
INDEX NAME)

SEQ 1 SVVVVTSLSL AVAVVCAVVV LCIRDQLSYF FTGGEAVARA VSDLCPLLAV

51 TLVLNGVQPV LSGVAVGCGW QAFVAYVNVG CYYIIGVPLG VFLGFYLDLG
 101 AKGIWSGMVI GGTMMQTLIL LWVTSRTDWN KEVEKARARL DKWDDKKQPL
 151 LEG

L12 ANSWER 12 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:770685 HCAPLUS
 DN 141:237804
 ED Entered STN: 22 Sep 2004
 TI Sorghum nucleic acids and encoded proteins and their uses improvement of
 transgenic plants
 IN Kovalic, David K.; Zhou, Yihua; Cao, Yongwei
 PA USA
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 850,147,
 abandoned.
 CODEN: USXXCO
 DT Patent
 LA English
 IC A01H001-00; C12N015-82; C07H021-04; C12N009-24
 INCL 800284000; 435200000; 536023200; 435468000
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 11

FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
	US 2004172684	A1	20040902	US 2004-767701	20040129 <--
PRAI	US 2000-684016	A2	20001010	<--	
	US 2001-850147	B2	20010508		
	US 2004-767701	A	20040129		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004172684	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24
	INCL	800284000; 435200000; 536023200; 435468000
US 2004172684	NCL	800/284.000 <--
US 2004172684	NCL	800/284.000
	ECLA	C07K014/415; C12N015/82 <--

AB Nucleotide sequences are provided for 31,563 nucleic acids in a cDNA library from sorghum tissue. The open reading frame in each recombinant polynucleotide sequence is identified by a combination of predictive and homol. based methods. Functions of polypeptides encoded by the polynucleotide sequences are determined using a hierarchical classification tool, termed FunCAT, for Functional Categories Annotation Tool. Functional assignments from five public classification schemes, GO_BP, GO_CC, GO_MF, KEGG, and EC, and one internal Monsanto classification scheme, POI, are also provided. The disclosed recombinant polynucleotides and recombinant polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of 13 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

ST sorghum cDNA protein sequence plant transformation

IT Stress, plant

(cold, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Cell cycle

(growth rate control by modification of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant

(heat, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Recombination, genetic

(homologous, increased rate of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Growth regulators, plant
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 (improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Pathogen
 (improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Carbohydrates, biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved use and/or uptake of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Disease resistance, plant
 Growth and development, plant
 Herbicide resistance
 (improvement of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Fats and Glyceridic oils, preparation
 Proteins
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 (modification of yield and/or content of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
 (osmotic, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Transcription factors
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 (plant improvement by; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Embryophyta
 Protein sequences
 Sorghum bicolor
 Transformation, genetic
 cDNA sequences
 (sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
 (water deficiency, improved tolerance to; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Photosynthesis, biological
 (yield improvement by modification of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT Stress, plant
 (yield improvement in; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 752533-72-5 752533-73-6 752533-74-7 752533-75-8 752533-76-9
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752534-72-8	752534-73-9	752534-74-0	752534-75-1	752534-76-2
752534-77-3	752534-78-4	752534-79-5	752534-80-8	752534-81-9
752534-82-0	752534-83-1	752534-84-2	752534-85-3	752534-86-4
752534-87-5	752534-88-6	752534-89-7	752534-90-0	752534-91-1
752534-92-2	752534-93-3	752534-94-4	752534-95-5	752534-96-6
752534-97-7	752534-98-8	752534-99-9	752535-00-5	752535-01-6
752535-02-7	752535-03-8	752535-04-9	752535-05-0	752535-06-1
752535-07-2	752535-08-3	752535-09-4	752535-10-7	752535-11-8
752535-12-9	752535-13-0	752535-14-1	752535-15-2	752535-16-3
752535-17-4	752535-18-5	752535-19-6	752535-20-9	752535-21-0
752535-22-1	752535-23-2	752535-24-3	752535-25-4	752535-26-5
752535-27-6	752535-28-7	752535-29-8	752535-30-1	752535-31-2
752535-32-3	752535-33-4	752535-34-5	752535-35-6	752535-36-7
752535-37-8	752535-38-9	752535-39-0	752535-40-3	752535-41-4
752535-42-5	752535-43-6	752535-44-7	752535-45-8	752535-46-9
752535-47-0	752535-48-1	752535-49-2	752535-50-5	752535-51-6
752535-52-7	752535-53-8	752535-54-9	752535-55-0	752535-56-1
752535-57-2	752535-58-3	752535-59-4	752535-60-7	752535-61-8
752535-62-9	752535-63-0	752535-64-1	752535-65-2	752535-66-3
752535-67-4	752535-68-5	752535-69-6	752535-70-9	752535-71-0
752535-72-1	752535-73-2	752535-74-3	752535-75-4	752535-76-5
752535-77-6	752535-78-7	752535-79-8	752535-80-1	752535-81-2
752535-82-3	752535-83-4	752535-84-5	752535-85-6	752535-86-7
752535-87-8	752535-88-9	752535-89-0	752535-90-3	752535-91-4
752535-92-5	752535-93-6	752535-94-7	752535-95-8	752535-96-9
752535-97-0	752535-98-1	752535-99-2	752536-00-8	752536-01-9
752536-02-0	752536-03-1	752536-04-2	752536-05-3	752536-06-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752536-07-5	752536-08-6	752536-09-7	752536-10-0	752536-11-1
	752536-12-2	752536-13-3	752536-14-4	752536-15-5	752536-16-6
	752536-17-7	752536-18-8	752536-19-9	752536-20-2	752536-21-3
	752536-22-4	752536-23-5	752536-24-6	752536-25-7	752536-26-8
	752536-27-9	752536-28-0	752536-29-1	752536-30-4	752536-31-5
	752536-32-6	752536-33-7	752536-34-8	752536-35-9	752536-36-0
	752536-37-1	752536-38-2	752536-39-3	752536-40-6	752536-41-7
	752536-42-8	752536-43-9	752536-44-0	752536-45-1	752536-46-2
	752536-47-3	752536-48-4	752536-49-5	752536-50-8	752536-51-9
	752536-52-0	752536-53-1	752536-54-2	752536-55-3	752536-56-4
	752536-57-5	752536-58-6	752536-59-7	752536-60-0	752536-61-1
	752536-62-2	752536-63-3	752536-64-4	752536-65-5	752536-66-6
	752536-67-7	752536-68-8	752536-69-9	752536-70-2	752536-71-3
	752536-72-4	752536-73-5	752536-74-6	752536-75-7	752536-76-8
	752536-77-9	752536-78-0	752536-79-1	752536-80-4	752536-81-5
	752536-82-6	752536-83-7	752536-84-8	752536-85-9	752536-86-0
	752536-87-1	752536-88-2	752536-89-3	752536-90-6	752536-91-7
	752536-92-8	752536-93-9	752536-94-0	752536-95-1	752536-96-2
	752536-97-3	752536-98-4	752536-99-5	752537-00-1	752537-01-2
	752537-02-3	752537-03-4	752537-04-5	752537-05-6	752537-06-7
	752537-07-8	752537-08-9	752537-09-0	752537-10-3	752537-11-4
	752537-12-5	752537-13-6	752537-14-7	752537-15-8	752537-16-9
	752537-17-0	752537-18-1	752537-19-2	752537-20-5	752537-21-6
	752537-22-7	752537-23-8	752537-24-9	752537-25-0	752537-26-1
	752537-27-2	752537-28-3	752537-29-4	752537-30-7	752537-31-8
	752537-32-9	752537-33-0	752537-34-1	752537-35-2	752537-36-3
	752537-37-4	752537-38-5	752537-39-6	752537-40-9	752537-41-0
	752537-42-1	752537-43-2	752537-44-3	752537-45-4	752537-46-5
	752537-47-6	752537-48-7	752537-49-8	752537-50-1	752537-51-2
	752537-52-3	752537-53-4	752537-54-5	752537-55-6	752537-56-7
	752537-57-8	752537-58-9	752537-59-0	752537-60-3	752537-61-4
	752537-62-5	752537-63-6	752537-64-7	752537-65-8	752537-66-9

752537-67-0	752537-68-1	752537-69-2	752537-70-5	752537-71-6
752537-72-7	752537-73-8	752537-74-9	752537-75-0	752537-76-1
752537-77-2	752537-78-3	752537-79-4	752537-80-7	752537-81-8
752537-82-9	752537-83-0	752537-84-1	752537-85-2	752537-86-3
752537-87-4	752537-88-5	752537-89-6	752537-90-9	752537-91-0
752537-92-1	752537-93-2	752537-94-3	752537-95-4	752537-96-5
752537-97-6	752537-98-7	752537-99-8	752538-00-4	752538-01-5
752538-02-6	752538-03-7	752538-04-8	752538-05-9	752538-06-0
752538-07-1	752538-08-2	752538-09-3	752538-10-6	752538-11-7
752538-12-8	752538-13-9	752538-14-0	752538-15-1	752538-16-2
752538-17-3	752538-18-4	752538-19-5	752538-20-8	752538-21-9
752538-22-0	752538-23-1	752538-24-2	752538-25-3	752538-26-4
752538-27-5	752538-28-6	752538-29-7	752538-30-0	752538-31-1
752538-32-2	752538-33-3	752538-34-4	752538-35-5	752538-36-6
752538-37-7	752538-38-8	752538-39-9	752538-40-2	752538-41-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752538-42-4	752538-43-5	752538-44-6	752538-45-7	752538-46-8
	752538-47-9	752538-48-0	752538-49-1	752538-50-4	752538-51-5
	752538-52-6	752538-53-7	752538-54-8	752538-55-9	752538-56-0
	752538-57-1	752538-58-2	752538-59-3	752538-60-6	752538-61-7
	752538-62-8	752538-63-9	752538-64-0	752538-65-1	752538-66-2
	752538-67-3	752538-68-4	752538-69-5	752538-70-8	752538-71-9
	752538-72-0	752538-73-1	752538-74-2	752538-75-3	752538-76-4
	752538-77-5	752538-78-6	752538-79-7	752538-80-0	752538-81-1
	752538-82-2	752538-83-3	752538-84-4	752538-85-5	752538-86-6
	752538-87-7	752538-88-8	752538-89-9	752538-90-2	752538-91-3
	752538-92-4	752538-93-5	752538-94-6	752538-95-7	752538-96-8
	752538-97-9	752538-98-0	752538-99-1	752539-00-7	752539-01-8
	752539-02-9	752539-03-0	752539-04-1	752539-05-2	752539-06-3
	752539-07-4	752539-08-5	752539-09-6	752539-10-9	752539-11-0
	752539-12-1	752539-13-2	752539-14-3	752539-15-4	752539-16-5
	752539-17-6	752539-18-7	752539-19-8	752539-20-1	752539-21-2
	752539-22-3	752539-23-4	752539-24-5	752539-25-6	752539-26-7
	752539-27-8	752539-28-9	752539-29-0	752539-30-3	752539-31-4
	752539-32-5	752539-33-6	752539-34-7	752539-35-8	752539-36-9
	752539-37-0	752539-38-1	752539-39-2	752539-40-5	752539-41-6
	752539-42-7	752539-43-8	752539-44-9	752539-45-0	752539-46-1
	752539-47-2	752539-48-3	752539-49-4	752539-50-7	752539-51-8
	752539-52-9	752539-53-0	752539-54-1	752539-55-2	752539-56-3
	752539-57-4	752539-58-5	752539-59-6	752539-60-9	752539-61-0
	752539-62-1	752539-63-2	752539-64-3	752539-65-4	752539-66-5
	752539-67-6	752539-68-7	752539-69-8	752539-70-1	752539-71-2
	752539-72-3	752539-73-4	752539-74-5	752539-75-6	752539-76-7
	752539-77-8	752539-78-9	752539-79-0	752539-80-3	752539-81-4
	752539-82-5	752539-83-6	752539-84-7	752539-85-8	752539-86-9
	752539-87-0	752539-88-1	752539-89-2	752539-90-5	752539-91-6
	752539-92-7	752539-93-8	752539-94-9	752539-95-0	752539-96-1
	752539-97-2	752539-98-3	752539-99-4	752540-00-4	752540-01-5
	752540-02-6	752540-03-7	752540-04-8	752540-05-9	752540-06-0
	752540-07-1	752540-08-2	752540-09-3	752540-10-6	752540-11-7
	752540-12-8	752540-13-9	752540-14-0	752540-15-1	752540-16-2
	752540-17-3	752540-18-4	752540-19-5	752540-20-8	752540-21-9
	752540-22-0	752540-23-1	752540-24-2	752540-25-3	752540-26-4
	752540-27-5	752540-28-6	752540-29-7	752540-30-0	752540-31-1
	752540-32-2	752540-33-3	752540-34-4	752540-35-5	752540-36-6
	752540-37-7	752540-38-8	752540-39-9	752540-40-2	752540-41-3
	752540-42-4	752540-43-5	752540-44-6	752540-45-7	752540-46-8
	752540-47-9	752540-48-0	752540-49-1	752540-50-4	752540-51-5
	752540-52-6	752540-53-7	752540-54-8	752540-55-9	752540-56-0
	752540-57-1	752540-58-2	752540-59-3	752540-60-6	752540-61-7
	752540-62-8	752540-63-9	752540-64-0	752540-65-1	752540-66-2
	752540-67-3	752540-68-4	752540-69-5	752540-70-8	752540-71-9
	752540-72-0	752540-73-1	752540-74-2	752540-75-3	752540-76-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752540-77-5	752540-78-6	752540-79-7	752540-80-0	752540-81-1
	752540-82-2	752540-83-3	752540-84-4	752540-85-5	752540-86-6
	752540-87-7	752540-88-8	752540-89-9	752540-90-2	752540-91-3
	752540-92-4	752540-93-5	752540-94-6	752540-95-7	752540-96-8
	752540-97-9	752540-98-0	752540-99-1	752541-00-7	752541-01-8
	752541-02-9	752541-03-0	752541-04-1	752541-05-2	752541-06-3
	752541-07-4	752541-08-5	752541-09-6	752541-10-9	752541-11-0
	752541-12-1	752541-13-2	752541-14-3	752541-15-4	752541-16-5
	752541-17-6	752541-18-7	752541-19-8	752541-20-1	752541-21-2
	752541-22-3	752541-23-4	752541-24-5	752541-25-6	752541-26-7
	752541-27-8	752541-28-9	752541-29-0	752541-30-3	752541-31-4
	752541-32-5	752541-33-6	752541-34-7	752541-35-8	752541-36-9
	752541-37-0	752541-38-1	752541-39-2	752541-40-5	752541-41-6
	752541-42-7	752541-43-8	752541-44-9	752541-45-0	752541-46-1
	752541-47-2	752541-48-3	752541-49-4	752541-50-7	752541-51-8
	752541-52-9	752541-53-0	752541-54-1	752541-55-2	752541-56-3
	752541-57-4	752541-58-5	752541-59-6	752541-60-9	752541-61-0
	752541-62-1	752541-63-2	752541-64-3	752541-65-4	752541-66-5
	752541-67-6	752541-68-7	752541-69-8	752541-70-1	752541-71-2
	752541-72-3	752541-73-4	752541-74-5	752541-75-6	752541-76-7
	752541-77-8	752541-78-9	752541-79-0	752541-80-3	752541-81-4
	752541-82-5	752541-83-6	752541-84-7	752541-85-8	752541-86-9
	752541-87-0	752541-88-1	752541-89-2	752541-90-5	752541-91-6
	752541-92-7	752541-93-8	752541-94-9	752541-95-0	752541-96-1
	752541-97-2	752541-98-3	752541-99-4	752542-00-0	752542-01-1
	752542-02-2	752542-03-3	752542-04-4	752542-05-5	752542-06-6
	752542-07-7	752542-08-8	752542-09-9	752542-10-2	752542-11-3
	752542-12-4	752542-13-5	752542-14-6	752542-15-7	752542-16-8
	752542-17-9	752542-18-0	752542-19-1	752542-20-4	752542-21-5
	752542-22-6	752542-23-7	752542-24-8	752542-25-9	752542-26-0
	752542-27-1	752542-28-2	752542-29-3	752542-30-6	752542-31-7
	752542-32-8	752542-33-9	752542-34-0	752542-35-1	752542-36-2
	752542-37-3	752542-38-4	752542-39-5	752542-40-8	752542-41-9
	752542-42-0	752542-43-1	752542-44-2	752542-45-3	752542-46-4
	752542-47-5	752542-48-6	752542-49-7	752542-50-0	752542-51-1
	752542-52-2	752542-53-3	752542-54-4	752542-55-5	752542-56-6
	752542-57-7	752542-58-8	752542-59-9	752542-60-2	752542-61-3
	752542-62-4	752542-63-5	752542-64-6	752542-65-7	752542-66-8
	752542-67-9	752542-68-0	752542-69-1	752542-70-4	752542-71-5
	752542-72-6	752542-73-7	752542-74-8	752542-75-9	752542-76-0
	752542-77-1	752542-78-2	752542-79-3	752542-80-6	752542-81-7
	752542-82-8	752542-83-9	752542-84-0	752542-85-1	752542-86-2
	752542-87-3	752542-88-4	752542-89-5	752542-90-8	752542-91-9
	752542-92-0	752542-93-1	752542-94-2	752542-95-3	752542-96-4
	752542-97-5	752542-98-6	752542-99-7	752543-00-3	752543-01-4
	752543-02-5	752543-03-6	752543-04-7	752543-05-8	752543-06-9
	752543-07-0	752543-08-1	752543-09-2	752543-10-5	752543-11-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752543-12-7	752543-13-8	752543-14-9	752543-15-0	752543-16-1
	752543-17-2	752543-18-3	752543-19-4	752543-20-7	752543-21-8
	752543-22-9	752543-23-0	752543-24-1	752543-25-2	752543-26-3
	752543-27-4	752543-28-5	752543-29-6	752543-30-9	752543-31-0
	752543-32-1	752543-33-2	752543-34-3	752543-35-4	752543-36-5
	752543-37-6	752543-38-7	752543-39-8	752543-40-1	752543-41-2
	752543-42-3	752543-43-4	752543-44-5	752543-45-6	752543-46-7
	752543-47-8	752543-48-9	752543-49-0	752543-50-3	752543-51-4
	752543-52-5	752543-53-6	752543-54-7	752543-55-8	752543-56-9
	752543-57-0	752543-58-1	752543-59-2	752543-60-5	752543-61-6
	752543-62-7	752543-63-8	752543-64-9	752543-65-0	752543-66-1

752543-67-2	752543-68-3	752543-69-4	752543-70-7	752543-71-8
752543-72-9	752543-73-0	752543-74-1	752543-75-2	752543-76-3
752543-77-4	752543-78-5	752543-79-6	752543-80-9	752543-81-0
752543-82-1	752543-83-2	752543-84-3	752543-85-4	752543-86-5
752543-87-6	752543-88-7	752543-89-8	752543-90-1	752543-91-2
752543-92-3	752543-93-4	752543-94-5	752543-95-6	752543-96-7
752543-97-8	752543-98-9	752543-99-0	752544-00-6	752544-01-7
752544-02-8	752544-03-9	752544-04-0	752544-05-1	752544-06-2
752544-07-3	752544-08-4	752544-09-5	752544-10-8	
752544-11-9	752544-12-0	752544-13-1	752544-14-2	752544-15-3
752544-16-4	752544-17-5	752544-18-6	752544-19-7	752544-20-0
752544-21-1	752544-22-2	752544-23-3	752544-24-4	752544-25-5
752544-26-6	752544-27-7	752544-28-8	752544-29-9	752544-30-2
752544-31-3	752544-32-4	752544-33-5	752544-34-6	752544-35-7
752544-36-8	752544-37-9	752544-38-0	752544-39-1	752544-40-4
752544-41-5	752544-42-6	752544-43-7	752544-44-8	752544-45-9
752544-46-0	752544-47-1	752544-48-2	752544-49-3	752544-50-6
752544-51-7	752544-52-8	752544-53-9	752544-54-0	752544-55-1
752544-56-2	752544-57-3	752544-58-4	752544-59-5	752544-60-8
752544-61-9	752544-62-0	752544-63-1	752544-64-2	752544-65-3
752544-66-4	752544-67-5	752544-68-6	752544-69-7	752544-70-0
752544-71-1	752544-72-2	752544-73-3	752544-74-4	752544-75-5
752544-76-6	752544-77-7	752544-78-8	752544-79-9	752544-80-2
752544-81-3	752544-82-4	752544-83-5	752544-84-6	752544-85-7
752544-86-8	752544-87-9	752544-88-0	752544-89-1	752544-90-4
752544-91-5	752544-92-6	752544-93-7	752544-94-8	752544-95-9
752544-96-0	752544-97-1	752544-98-2	752544-99-3	752545-00-9
752545-01-0	752545-02-1	752545-03-2	752545-04-3	752545-05-4
752545-06-5	752545-07-6	752545-08-7	752545-09-8	752545-10-1
752545-11-2	752545-12-3	752545-13-4	752545-14-5	752545-15-6
752545-16-7	752545-17-8	752545-18-9	752545-19-0	752545-20-3
752545-21-4	752545-22-5	752545-23-6	752545-24-7	752545-25-8
752545-26-9	752545-27-0	752545-28-1	752545-29-2	752545-30-5
752545-31-6	752545-32-7	752545-33-8	752545-34-9	752545-35-0
752545-36-1	752545-37-2	752545-38-3	752545-39-4	752545-40-7
752545-41-8	752545-42-9	752545-43-0	752545-44-1	752545-45-2
752545-46-3				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752545-47-4	752545-48-5	752545-49-6	752545-50-9	752545-51-0
	752545-52-1	752545-53-2	752545-54-3	752545-55-4	752545-56-5
	752545-57-6	752545-58-7	752545-59-8	752545-60-1	752545-61-2
	752545-62-3	752545-63-4	752545-64-5	752545-65-6	752545-66-7
	752545-67-8	752545-68-9	752545-69-0	752545-70-3	752545-71-4
	752545-72-5	752545-73-6	752545-74-7	752545-75-8	752545-76-9
	752545-77-0	752545-78-1	752545-79-2	752545-80-5	752545-81-6
	752545-82-7	752545-83-8	752545-84-9	752545-85-0	752545-86-1
	752545-87-2	752545-88-3	752545-89-4	752545-90-7	752545-91-8
	752545-92-9	752545-93-0	752545-94-1	752545-95-2	752545-96-3
	752545-97-4	752545-98-5	752545-99-6	752546-00-2	752546-01-3
	752546-02-4	752546-03-5	752546-04-6	752546-05-7	752546-06-8
	752546-07-9	752546-08-0	752546-09-1	752546-10-4	752546-11-5
	752546-12-6	752546-13-7	752546-14-8	752546-15-9	752546-16-0
	752546-17-1	752546-18-2	752546-19-3	752546-20-6	752546-21-7
	752546-22-8	752546-23-9	752546-24-0	752546-25-1	752546-26-2
	752546-27-3	752546-28-4	752546-29-5	752546-30-8	752546-31-9
	752546-32-0	752546-33-1	752546-34-2	752546-35-3	752546-36-4
	752546-37-5	752546-38-6	752546-39-7	752546-40-0	752546-41-1
	752546-42-2	752546-43-3	752546-44-4	752546-45-5	752546-46-6
	752546-47-7	752546-48-8	752546-49-9	752546-50-2	752546-51-3
	752546-52-4	752546-53-5	752546-54-6	752546-55-7	752546-56-8
	752546-57-9	752546-58-0	752546-59-1	752546-60-4	752546-61-5
	752546-62-6	752546-63-7	752546-64-8	752546-65-9	752546-66-0
	752546-67-1	752546-68-2	752546-69-3	752546-70-6	752546-71-7

752546-72-8	752546-73-9	752546-74-0	752546-75-1	752546-76-2
752546-77-3	752546-78-4	752546-79-5	752546-80-8	752546-81-9
752546-82-0	752546-83-1	752546-84-2	752546-85-3	752546-86-4
752546-87-5	752546-88-6	752546-89-7	752546-90-0	752546-91-1
752546-92-2	752546-93-3	752546-94-4	752546-95-5	752546-96-6
752546-97-7	752546-98-8	752546-99-9	752547-00-5	752547-01-6
752547-02-7	752547-03-8	752547-04-9	752547-05-0	752547-06-1
752547-07-2	752547-08-3	752547-09-4	752547-10-7	752547-11-8
752547-12-9	752547-13-0	752547-14-1	752547-15-2	752547-16-3
752547-17-4	752547-18-5	752547-19-6	752547-20-9	752547-21-0
752547-22-1	752547-23-2	752547-24-3	752547-25-4	752547-26-5
752547-27-6	752547-28-7	752547-29-8	752547-30-1	752547-31-2
752547-32-3	752547-33-4	752547-34-5	752547-35-6	752547-36-7
752547-37-8	752547-38-9	752547-39-0	752547-40-3	752547-41-4
752547-42-5	752547-43-6	752547-44-7	752547-45-8	752547-46-9
752547-47-0	752547-48-1	752547-49-2	752547-50-5	752547-51-6
752547-52-7	752547-53-8	752547-54-9	752547-55-0	752547-56-1
752547-57-2	752547-58-3	752547-59-4	752547-60-7	752547-61-8
752547-62-9	752547-63-0	752547-64-1	752547-65-2	752547-66-3
752547-67-4	752547-68-5	752547-69-6	752547-70-9	752547-71-0
752547-72-1	752547-73-2	752547-74-3	752547-75-4	752547-76-5
752547-77-6	752547-78-7	752547-79-8	752547-80-1	752547-81-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752547-82-3	752547-83-4	752547-84-5	752547-85-6	752547-86-7
	752547-87-8	752547-88-9	752547-89-0	752547-90-3	752547-91-4
	752547-92-5	752547-93-6	752547-94-7	752547-95-8	752547-96-9
	752547-97-0	752547-98-1	752547-99-2	752548-00-8	752548-01-9
	752548-02-0	752548-03-1	752548-04-2	752548-05-3	752548-06-4
	752548-07-5	752548-08-6	752548-09-7	752548-10-0	752548-11-1
	752548-12-2	752548-13-3	752548-14-4	752548-15-5	752548-16-6
	752548-17-7	752548-18-8	752548-19-9	752548-20-2	752548-21-3
	752548-22-4	752548-23-5	752548-24-6	752548-25-7	752548-26-8
	752548-27-9	752548-28-0	752548-29-1	752548-30-4	752548-31-5
	752548-32-6	752548-33-7	752548-34-8	752548-35-9	752548-36-0
	752548-37-1	752548-38-2	752548-39-3	752548-40-6	752548-41-7
	752548-42-8	752548-43-9	752548-44-0	752548-45-1	752548-46-2
	752548-47-3	752548-48-4	752548-49-5	752548-50-8	752548-51-9
	752548-52-0	752548-53-1	752548-54-2	752548-55-3	752548-56-4
	752548-57-5	752548-58-6	752548-59-7	752548-60-0	752548-61-1
	752548-62-2	752548-63-3	752548-64-4	752548-65-5	752548-66-6
	752548-67-7	752548-68-8	752548-69-9	752548-70-2	752548-71-3
	752548-72-4	752548-73-5	752548-74-6	752548-75-7	752548-76-8
	752548-77-9	752548-78-0	752548-79-1	752548-80-4	752548-81-5
	752548-82-6	752548-83-7	752548-84-8	752548-85-9	752548-86-0
	752548-87-1	752548-88-2	752548-89-3	752548-90-6	752548-91-7
	752548-92-8	752548-93-9	752548-94-0	752548-95-1	752548-96-2
	752548-97-3	752548-98-4	752548-99-5	752549-00-1	752549-01-2
	752549-02-3	752549-03-4	752549-04-5	752549-05-6	752549-06-7
	752549-07-8	752549-08-9	752549-09-0	752549-10-3	752549-11-4
	752549-12-5	752549-13-6	752549-14-7	752549-15-8	752549-16-9
	752549-17-0	752549-18-1	752549-19-2	752549-20-5	752549-21-6
	752549-22-7	752549-23-8	752549-24-9	752549-25-0	752549-26-1
	752549-27-2	752549-28-3	752549-29-4	752549-30-7	752549-31-8
	752549-32-9	752549-33-0	752549-34-1	752549-35-2	752549-36-3
	752549-37-4	752549-38-5	752549-39-6	752549-40-9	752549-41-0
	752549-42-1	752549-43-2	752549-44-3	752549-45-4	752549-46-5
	752549-47-6	752549-48-7	752549-49-8	752549-50-1	752549-51-2
	752549-52-3	752549-53-4	752549-54-5	752549-55-6	752549-56-7
	752549-57-8	752549-58-9	752549-59-0	752549-60-3	752549-61-4
	752549-62-5	752549-63-6	752549-64-7	752549-65-8	752549-66-9
	752549-67-0	752549-68-1	752549-69-2	752549-70-5	752549-71-6
	752549-72-7	752549-73-8	752549-74-9	752549-75-0	752549-76-1
	752549-77-2	752549-78-3	752549-79-4	752549-80-7	752549-81-8

752549-82-9	752549-83-0	752549-84-1	752549-85-2	752549-86-3
752549-87-4	752549-88-5	752549-89-6	752549-90-9	752549-91-0
752549-92-1	752549-93-2	752549-94-3	752549-95-4	752549-96-5
752549-97-6	752549-98-7	752549-99-8	752550-00-8	752550-01-9
752550-02-0	752550-03-1	752550-04-2	752550-05-3	752550-06-4
752550-07-5	752550-08-6	752550-09-7	752550-10-0	752550-11-1
752550-12-2	752550-13-3	752550-14-4	752550-15-5	752550-16-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752550-17-7	752550-18-8	752550-19-9	752550-20-2	752550-21-3
	752550-22-4	752550-23-5	752550-24-6	752550-25-7	752550-26-8
	752550-27-9	752550-28-0	752550-29-1	752550-30-4	752550-31-5
	752550-32-6	752550-33-7	752550-34-8	752550-35-9	752550-36-0
	752550-37-1	752550-38-2	752550-39-3	752550-40-6	752550-41-7
	752550-42-8	752550-43-9	752550-44-0	752550-45-1	752550-46-2
	752550-47-3	752550-48-4	752550-49-5	752550-50-8	752550-51-9
	752550-52-0	752550-53-1	752550-54-2	752550-55-3	752550-56-4
	752550-57-5	752550-58-6	752550-59-7	752550-60-0	752550-61-1
	752550-62-2	752550-63-3	752550-64-4	752550-65-5	752550-66-6
	752550-67-7	752550-68-8	752550-69-9	752550-70-2	752550-71-3
	752550-72-4	752550-73-5	752550-74-6	752550-75-7	752550-76-8
	752550-77-9	752550-78-0	752550-79-1	752550-80-4	752550-81-5
	752550-82-6	752550-83-7	752550-84-8	752550-85-9	752550-86-0
	752550-87-1	752550-88-2	752550-89-3	752550-90-6	752550-91-7
	752550-92-8	752550-93-9	752550-94-0	752550-95-1	752550-96-2
	752550-97-3	752550-98-4	752550-99-5	752551-00-1	752551-01-2
	752551-02-3	752551-03-4	752551-04-5	752551-05-6	752551-06-7
	752551-07-8	752551-08-9	752551-09-0	752551-10-3	752551-11-4
	752551-12-5	752551-13-6	752551-14-7	752551-15-8	752551-16-9
	752551-17-0	752551-18-1	752551-19-2	752551-20-5	752551-21-6
	752551-22-7	752551-23-8	752551-24-9	752551-25-0	752551-26-1
	752551-27-2	752551-28-3	752551-29-4	752551-30-7	752551-31-8
	752551-32-9	752551-33-0	752551-34-1	752551-35-2	752551-36-3
	752551-37-4	752551-38-5	752551-39-6	752551-40-9	752551-41-0
	752551-42-1	752551-43-2	752551-44-3	752551-45-4	752551-46-5
	752551-47-6	752551-48-7	752551-49-8	752551-50-1	752551-51-2
	752551-52-3	752551-53-4	752551-54-5	752551-55-6	752551-56-7
	752551-57-8	752551-58-9	752551-59-0	752551-60-3	752551-61-4
	752551-62-5	752551-63-6	752551-64-7	752551-65-8	752551-66-9
	752551-67-0	752551-68-1	752551-69-2	752551-70-5	752551-71-6
	752551-72-7	752551-73-8	752551-74-9	752551-75-0	752551-76-1
	752551-77-2	752551-78-3	752551-79-4	752551-80-7	752551-81-8
	752551-82-9	752551-83-0	752551-84-1	752551-85-2	752551-86-3
	752551-87-4	752551-88-5	752551-89-6	752551-90-9	752551-91-0
	752551-92-1	752551-93-2	752551-94-3	752551-95-4	752551-96-5
	752551-97-6	752551-98-7	752551-99-8	752552-00-4	752552-01-5
	752552-02-6	752552-03-7	752552-04-8	752552-05-9	752552-06-0
	752552-07-1	752552-08-2	752552-09-3	752552-10-6	752552-11-7
	752552-12-8	752552-13-9	752552-14-0	752552-15-1	752552-16-2
	752552-17-3	752552-18-4	752552-19-5	752552-20-8	752552-21-9
	752552-22-0	752552-23-1	752552-24-2	752552-25-3	752552-26-4
	752552-27-5	752552-28-6	752552-29-7	752552-30-0	752552-31-1
	752552-32-2	752552-33-3	752552-34-4	752552-35-5	752552-36-6
	752552-37-7	752552-38-8	752552-39-9	752552-40-2	752552-41-3
	752552-42-4	752552-43-5	752552-44-6	752552-45-7	752552-46-8
	752552-47-9	752552-48-0	752552-49-1	752552-50-4	752552-51-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752552-52-6	752552-53-7	752552-54-8	752552-55-9	752552-56-0
	752552-57-1	752552-58-2	752552-59-3	752552-60-6	752552-61-7
	752552-62-8	752552-63-9	752552-64-0	752552-65-1	752552-66-2
	752552-67-3	752552-68-4	752552-69-5	752552-70-8	752552-71-9

752552-72-0	752552-73-1	752552-74-2	752552-75-3	752552-76-4
752552-77-5	752552-78-6	752552-79-7	752552-80-0	752552-81-1
752552-82-2	752552-83-3	752552-84-4	752552-85-5	752552-86-6
752552-87-7	752552-88-8	752552-89-9	752552-90-2	752552-91-3
752552-92-4	752552-93-5	752552-94-6	752552-95-7	752552-96-8
752552-97-9	752552-98-0	752552-99-1	752553-00-7	752553-01-8
752553-02-9	752553-03-0	752553-04-1	752553-05-2	752553-06-3
752553-07-4	752553-08-5	752553-09-6	752553-10-9	752553-11-0
752553-12-1	752553-13-2	752553-14-3	752553-15-4	752553-16-5
752553-17-6	752553-18-7	752553-19-8	752553-20-1	752553-21-2
752553-22-3	752553-23-4	752553-24-5	752553-25-6	752553-26-7
752553-27-8	752553-28-9	752553-29-0	752553-30-3	752553-31-4
752553-32-5	752553-33-6	752553-34-7	752553-35-8	752553-36-9
752553-37-0	752553-38-1	752553-39-2	752553-40-5	752553-41-6
752553-42-7	752553-43-8	752553-44-9	752553-45-0	752553-46-1
752553-47-2	752553-48-3	752553-49-4	752553-50-7	752553-51-8
752553-52-9	752553-53-0	752553-54-1	752553-55-2	752553-56-3
752553-57-4	752553-58-5	752553-59-6	752553-60-9	752553-61-0
752553-62-1	752553-63-2	752553-64-3	752553-65-4	752553-66-5
752553-67-6	752553-68-7	752553-69-8	752553-70-1	752553-71-2
752553-72-3	752553-73-4	752553-74-5	752553-75-6	752553-76-7
752553-77-8	752553-78-9	752553-79-0	752553-80-3	752553-81-4
752553-82-5	752553-83-6	752553-84-7	752553-85-8	752553-86-9
752553-87-0	752553-88-1	752553-89-2	752553-90-5	752553-91-6
752553-92-7	752553-93-8	752553-94-9	752553-95-0	752553-96-1
752553-97-2	752553-98-3	752553-99-4	752554-00-0	752554-01-1
752554-02-2	752554-03-3	752554-04-4	752554-05-5	752554-06-6
752554-07-7	752554-08-8	752554-09-9	752554-10-2	752554-11-3
752554-12-4	752554-13-5	752554-14-6	752554-15-7	752554-16-8
752554-17-9	752554-18-0	752554-19-1	752554-20-4	752554-21-5
752554-22-6	752554-23-7	752554-24-8	752554-25-9	752554-26-0
752554-27-1	752554-28-2	752554-29-3	752554-30-6	752554-31-7
752554-32-8	752554-33-9	752554-34-0	752554-35-1	752554-36-2
752554-37-3	752554-38-4	752554-39-5	752554-40-8	752554-41-9
752554-42-0	752554-43-1	752554-44-2	752554-45-3	752554-46-4
752554-47-5	752554-48-6	752554-49-7	752554-50-0	752554-51-1
752554-52-2	752554-53-3	752554-54-4	752554-55-5	752554-56-6
752554-57-7	752554-58-8	752554-59-9	752554-60-2	752554-61-3
752554-62-4	752554-63-5	752554-64-6	752554-65-7	752554-66-8
752554-67-9	752554-68-0	752554-69-1	752554-70-4	752554-71-5
752554-72-6	752554-73-7	752554-74-8	752554-75-9	752554-76-0
752554-77-1	752554-78-2	752554-79-3	752554-80-6	752554-81-7
752554-82-8	752554-83-9	752554-84-0	752554-85-1	752554-86-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752554-87-3	752554-88-4	752554-89-5	752554-90-8	752554-91-9
	752554-92-0	752554-93-1	752554-94-2	752554-95-3	752554-96-4
	752554-97-5	752554-98-6	752554-99-7	752555-00-3	752555-01-4
	752555-02-5	752555-03-6	752555-04-7	752555-05-8	752555-06-9
	752555-07-0	752555-08-1	752555-09-2	752555-10-5	752555-11-6
	752555-12-7	752555-13-8	752555-14-9	752555-15-0	752555-16-1
	752555-17-2	752555-18-3	752555-19-4	752555-20-7	752555-21-8
	752555-22-9	752555-23-0	752555-24-1	752555-25-2	752555-26-3
	752555-27-4	752555-28-5	752555-29-6	752555-30-9	752555-31-0
	752555-32-1	752555-33-2	752555-34-3	752555-35-4	752555-36-5
	752555-37-6	752555-38-7	752555-39-8	752555-40-1	752555-41-2
	752555-42-3	752555-43-4	752555-44-5	752555-45-6	752555-46-7
	752555-47-8	752555-48-9	752555-49-0	752555-50-3	752555-51-4
	752555-52-5	752555-53-6	752555-54-7	752555-55-8	752555-56-9
	752555-57-0	752555-58-1	752555-59-2	752555-60-5	752555-61-6
	752555-62-7	752555-63-8	752555-64-9	752555-65-0	752555-66-1
	752555-67-2	752555-68-3	752555-69-4	752555-70-7	752555-71-8
	752555-72-9	752555-73-0	752555-74-1	752555-75-2	752555-76-3
	752555-77-4	752555-78-5	752555-79-6	752555-80-9	752555-81-0

752555-82-1	752555-83-2	752555-84-3	752555-85-4	752555-86-5
752555-87-6	752555-88-7	752555-89-8	752555-90-1	752555-91-2
752555-92-3	752555-93-4	752555-94-5	752555-95-6	752555-96-7
752555-97-8	752555-98-9	752555-99-0	752556-00-6	752556-01-7
752556-02-8	752556-03-9	752556-04-0	752556-05-1	752556-06-2
752556-07-3	752556-08-4	752556-09-5	752556-10-8	752556-11-9
752556-12-0	752556-13-1	752556-14-2	752556-15-3	752556-16-4
752556-17-5	752556-18-6	752556-19-7	752556-20-0	752556-21-1
752556-22-2	752556-23-3	752556-24-4	752556-25-5	752556-26-6
752556-27-7	752556-28-8	752556-29-9	752556-30-2	752556-31-3
752556-32-4	752556-33-5	752556-34-6	752556-35-7	752556-36-8
752556-37-9	752556-38-0	752556-39-1	752556-40-4	752556-41-5
752556-42-6	752556-43-7	752556-44-8	752556-45-9	752556-46-0
752556-47-1	752556-48-2	752556-49-3	752556-50-6	752556-51-7
752556-52-8	752556-53-9	752556-54-0	752556-55-1	752556-56-2
752556-57-3	752556-58-4	752556-59-5	752556-60-8	752556-61-9
752556-62-0	752556-63-1	752556-64-2	752556-65-3	752556-66-4
752556-67-5	752556-68-6	752556-69-7	752556-70-0	752556-71-1
752556-72-2	752556-73-3	752556-74-4	752556-75-5	752556-76-6
752556-77-7	752556-78-8	752556-79-9	752556-80-2	752556-81-3
752556-82-4	752556-83-5	752556-84-6	752556-85-7	752556-86-8
752556-87-9	752556-88-0	752556-89-1	752556-90-4	752556-91-5
752556-92-6	752556-93-7	752556-94-8	752556-95-9	752556-96-0
752556-97-1	752556-98-2	752556-99-3	752557-00-9	752557-01-0
752557-02-1	752557-03-2	752557-04-3	752557-05-4	752557-06-5
752557-07-6	752557-08-7	752557-09-8	752557-10-1	752557-11-2
752557-12-3	752557-13-4	752557-14-5	752557-15-6	752557-16-7
752557-17-8	752557-18-9	752557-19-0	752557-20-3	752557-21-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752557-22-5	752557-23-6	752557-24-7	752557-25-8	752557-26-9
	752557-27-0	752557-28-1	752557-29-2	752557-30-5	752557-31-6
	752557-32-7	752557-33-8	752557-34-9	752557-35-0	752557-36-1
	752557-37-2	752557-38-3	752557-39-4	752557-40-7	752557-41-8
	752557-42-9	752557-43-0	752557-44-1	752557-45-2	752557-46-3
	752557-47-4	752557-48-5	752557-49-6	752557-50-9	752557-51-0
	752557-52-1	752557-53-2	752557-54-3	752557-55-4	752557-56-5
	752557-57-6	752557-58-7	752557-59-8	752557-60-1	752557-61-2
	752557-62-3	752557-63-4	752557-64-5	752557-65-6	752557-66-7
	752557-67-8	752557-68-9	752557-69-0	752557-70-3	752557-71-4
	752557-72-5	752557-73-6	752557-74-7	752557-75-8	752557-76-9
	752557-77-0	752557-78-1	752557-79-2	752557-80-5	752557-81-6
	752557-82-7	752557-83-8	752557-84-9	752557-85-0	752557-86-1
	752557-87-2	752557-88-3	752557-89-4	752557-90-7	752557-91-8
	752557-92-9	752557-93-0	752557-94-1	752557-95-2	752557-96-3
	752557-97-4	752557-98-5	752557-99-6	752558-00-2	752558-01-3
	752558-02-4	752558-03-5	752558-04-6	752558-05-7	752558-06-8
	752558-07-9	752558-08-0	752558-09-1	752558-10-4	752558-11-5
	752558-12-6	752558-13-7	752558-14-8	752558-15-9	752558-16-0
	752558-17-1	752558-18-2	752558-19-3	752558-20-6	752558-21-7
	752558-22-8	752558-23-9	752558-24-0	752558-25-1	752558-26-2
	752558-27-3	752558-28-4	752558-29-5	752558-30-8	752558-31-9
	752558-32-0	752558-33-1	752558-34-2	752558-35-3	752558-36-4
	752558-37-5	752558-38-6	752558-39-7	752558-40-0	752558-41-1
	752558-42-2	752558-43-3	752558-44-4	752558-45-5	752558-46-6
	752558-47-7	752558-48-8	752558-49-9	752558-50-2	752558-51-3
	752558-52-4	752558-53-5	752558-54-6	752558-55-7	752558-56-8
	752558-57-9	752558-58-0	752558-59-1	752558-60-4	752558-61-5
	752558-62-6	752558-63-7	752558-64-8	752558-65-9	752558-66-0
	752558-67-1	752558-68-2	752558-69-3	752558-70-6	752558-71-7
	752558-72-8	752558-73-9	752558-74-0	752558-75-1	752558-76-2
	752558-77-3	752558-78-4	752558-79-5	752558-80-8	752558-81-9
	752558-82-0	752558-83-1	752558-84-2	752558-85-3	752558-86-4
	752558-87-5	752558-88-6	752558-89-7	752558-90-0	752558-91-1

752558-92-2	752558-93-3	752558-94-4	752558-95-5	752558-96-6
752558-97-7	752558-98-8	752558-99-9	752559-00-5	752559-01-6
752559-02-7	752559-03-8	752559-04-9	752559-05-0	752559-06-1
752559-07-2	752559-08-3	752559-09-4	752559-10-7	752559-11-8
752559-12-9	752559-13-0	752559-14-1	752559-15-2	752559-16-3
752559-17-4	752559-18-5	752559-19-6	752559-20-9	752559-21-0
752559-22-1	752559-23-2	752559-24-3	752559-25-4	752559-26-5
752559-27-6	752559-28-7	752559-29-8	752559-30-1	752559-31-2
752559-32-3	752559-33-4	752559-34-5	752559-35-6	752559-36-7
752559-37-8	752559-38-9	752559-39-0	752559-40-3	752559-41-4
752559-42-5	752559-43-6	752559-44-7	752559-45-8	752559-46-9
752559-47-0	752559-48-1	752559-49-2	752559-50-5	752559-51-6
752559-52-7	752559-53-8	752559-54-9	752559-55-0	752559-56-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752559-57-2	752559-58-3	752559-59-4	752559-60-7	752559-61-8
	752559-62-9	752559-63-0	752559-64-1	752559-65-2	752559-66-3
	752559-67-4	752559-68-5	752559-69-6	752559-70-9	752559-71-0
	752559-72-1	752559-73-2	752559-74-3	752559-75-4	752559-76-5
	752559-77-6	752559-78-7	752559-79-8	752559-80-1	752559-81-2
	752559-82-3	752559-83-4	752559-84-5	752559-85-6	752559-86-7
	752559-87-8	752559-88-9	752559-89-0	752559-90-3	752559-91-4
	752559-92-5	752559-93-6	752559-94-7	752559-95-8	752559-96-9
	752559-97-0	752559-98-1	752559-99-2	752560-00-2	752560-01-3
	752560-02-4	752560-03-5	752560-04-6	752560-05-7	752560-06-8
	752560-07-9	752560-08-0	752560-09-1	752560-10-4	752560-11-5
	752560-12-6	752560-13-7	752560-14-8	752560-15-9	752560-16-0
	752560-17-1	752560-18-2	752560-19-3	752560-20-6	752560-21-7
	752560-22-8	752560-23-9	752560-24-0	752560-25-1	752560-26-2
	752560-27-3	752560-28-4	752560-29-5	752560-30-8	752560-31-9
	752560-32-0	752560-33-1	752560-34-2	752560-35-3	752560-36-4
	752560-37-5	752560-38-6	752560-39-7	752560-40-0	752560-41-1
	752560-42-2	752560-43-3	752560-44-4	752560-45-5	752560-46-6
	752560-47-7	752560-48-8	752560-49-9	752560-50-2	752560-51-3
	752560-52-4	752560-53-5	752560-54-6	752560-55-7	752560-56-8
	752560-57-9	752560-58-0	752560-59-1	752560-60-4	752560-61-5
	752560-62-6	752560-63-7	752560-64-8	752560-65-9	752560-66-0
	752560-67-1	752560-68-2	752560-69-3	752560-70-6	752560-71-7
	752560-72-8	752560-73-9	752560-74-0	752560-75-1	752560-76-2
	752560-77-3	752560-78-4	752560-79-5	752560-80-8	752560-81-9
	752560-82-0	752560-83-1	752560-84-2	752560-85-3	752560-86-4
	752560-87-5	752560-88-6	752560-89-7	752560-90-0	752560-91-1
	752560-92-2	752560-93-3	752560-94-4	752560-95-5	752560-96-6
	752560-97-7	752560-98-8	752560-99-9	752561-00-5	752561-01-6
	752561-02-7	752561-03-8	752561-04-9	752561-05-0	752561-06-1
	752561-07-2	752561-08-3	752561-09-4	752561-10-7	752561-11-8
	752561-12-9	752561-13-0	752561-14-1	752561-15-2	752561-16-3
	752561-17-4	752561-18-5	752561-19-6	752561-20-9	752561-21-0
	752561-22-1	752561-23-2	752561-24-3	752561-25-4	752561-26-5
	752561-27-6	752561-28-7	752561-29-8	752561-30-1	752561-31-2
	752561-32-3	752561-33-4	752561-34-5	752561-35-6	752561-36-7
	752561-37-8	752561-38-9	752561-39-0	752561-40-3	752561-41-4
	752561-42-5	752561-43-6	752561-44-7	752561-45-8	752561-46-9
	752561-47-0	752561-48-1	752561-49-2	752561-50-5	752561-51-6
	752561-52-7	752561-53-8	752561-54-9	752561-55-0	752561-56-1
	752561-57-2	752561-58-3	752561-59-4	752561-60-7	752561-61-8
	752561-62-9	752561-63-0	752561-64-1	752561-65-2	752561-66-3
	752561-67-4	752561-68-5	752561-69-6	752561-70-9	752561-71-0
	752561-72-1	752561-73-2	752561-74-3	752561-75-4	752561-76-5
	752561-77-6	752561-78-7	752561-79-8	752561-80-1	752561-81-2
	752561-82-3	752561-83-4	752561-84-5	752561-85-6	752561-86-7
	752561-87-8	752561-88-9	752561-89-0	752561-90-3	752561-91-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)					
IT	752561-92-5	752561-93-6	752561-94-7	752561-95-8	752561-96-9
	752561-97-0	752561-98-1	752561-99-2	752562-00-8	752562-01-9
	752562-02-0	752562-03-1	752562-04-2	752562-05-3	752562-06-4
	752562-07-5	752562-08-6	752562-09-7	752562-10-0	752562-11-1
	752562-12-2	752562-13-3	752562-14-4	752562-15-5	752562-16-6
	752562-17-7	752562-18-8	752562-19-9	752562-20-2	752562-21-3
	752562-22-4	752562-23-5	752562-24-6	752562-25-7	752562-26-8
	752562-27-9	752562-28-0	752562-29-1	752562-30-4	752562-31-5
	752562-32-6	752562-33-7	752562-34-8	752562-35-9	752562-36-0
	752562-37-1	752562-38-2	752562-39-3	752562-40-6	752562-41-7
	752562-42-8	752562-43-9	752562-44-0	752562-45-1	752562-46-2
	752562-47-3	752562-48-4	752562-49-5	752562-50-8	752562-51-9
	752562-52-0	752562-53-1	752562-54-2	752562-55-3	752562-56-4
	752562-57-5	752562-58-6	752562-59-7	752562-60-0	752562-61-1
	752562-62-2	752562-63-3	752562-64-4	752562-65-5	752562-66-6
	752562-67-7	752562-68-8	752562-69-9	752562-70-2	752562-71-3
	752562-72-4	752562-73-5	752562-74-6	752562-75-7	752562-76-8
	752562-77-9	752562-78-0	752562-79-1	752562-80-4	752562-81-5
	752562-82-6	752562-83-7	752562-84-8	752562-85-9	752562-86-0
	752562-87-1	752562-88-2	752562-89-3	752562-90-6	752562-91-7
	752562-92-8	752562-93-9	752562-94-0	752562-95-1	752562-96-2
	752562-97-3	752562-98-4	752562-99-5	752563-00-1	752563-01-2
	752563-02-3	752563-03-4	752563-04-5	752563-05-6	752563-06-7
	752563-07-8	752563-08-9	752563-09-0	752563-10-3	752563-11-4
	752563-12-5	752563-13-6	752563-14-7	752563-15-8	752563-16-9
	752563-17-0	752563-18-1	752563-19-2	752563-20-5	752563-21-6
	752563-22-7	752563-23-8	752563-24-9	752563-25-0	752563-26-1
	752563-27-2	752563-28-3	752563-29-4	752563-30-7	752563-31-8
	752563-32-9	752563-33-0	752563-34-1	752563-35-2	752563-36-3
	752563-37-4	752563-38-5	752563-39-6	752563-40-9	752563-41-0
	752563-42-1	752563-43-2	752563-44-3	752563-45-4	752563-46-5
	752563-47-6	752563-48-7	752563-49-8	752563-50-1	752563-51-2
	752563-52-3	752563-53-4	752563-54-5	752563-55-6	752563-56-7
	752563-57-8	752563-58-9	752563-59-0	752563-60-3	752563-61-4
	752563-62-5	752563-63-6	752563-64-7	752563-65-8	752563-66-9
	752563-67-0	752563-68-1	752563-69-2	752563-70-5	752563-71-6
	752563-72-7	752563-73-8	752563-74-9	752563-75-0	752563-76-1
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	752563-87-4	752563-88-5	752563-89-6	752563-90-9	752563-91-0
	752563-92-1	752563-93-2	752563-94-3	752563-95-4	752563-96-5
	752563-97-6	752563-98-7	752563-99-8	752564-00-4	752564-01-5
	752564-02-6	752564-03-7	752564-04-8	752564-05-9	752564-06-0
	752564-07-1	752564-08-2	752564-09-3	752564-10-6	752564-11-7
	752564-12-8	752564-13-9	752564-14-0	752564-15-1	752564-16-2
	752564-17-3	752564-18-4	752564-19-5	752564-20-8	752564-21-9
	752564-22-0	752564-23-1	752564-24-2	752564-25-3	752564-26-4
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)					
(amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)					
IT	752564-27-5	752564-28-6	752564-29-7	752564-30-0	752564-31-1
	752564-32-2	752564-33-3	752564-34-4	752564-35-5	752564-36-6
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	752564-42-4	752564-43-5	752564-44-6	752564-45-7	752564-46-8
	752564-47-9	752564-48-0	752564-49-1	752564-50-4	752564-51-5
	752564-52-6	752564-53-7	752564-54-8	752564-55-9	752564-56-0
	752564-57-1	752564-58-2	752564-59-3	752564-60-6	752564-61-7
	752564-62-8	752564-63-9	752564-64-0	752564-65-1	752564-66-2
	752564-67-3	752564-68-4	752564-69-5	752564-70-8	752564-71-9
	752564-72-0	752564-73-1	752564-74-2	752564-75-3	752564-76-4
	752564-77-5	752564-78-6	752564-79-7	752564-80-0	752564-81-1
	752564-82-2	752564-83-3	752564-84-4	752564-85-5	752564-86-6
	752564-87-7	752564-88-8	752564-89-9	752564-90-2	752564-91-3

752564-92-4	752564-93-5	752564-94-6	752564-95-7	752564-96-8
752564-97-9	752564-98-0	752564-99-1	752565-00-7	752565-01-8
752565-02-9	752565-03-0	752565-04-1	752565-05-2	752565-06-3
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752565-17-6	752565-18-7	752565-19-8	752565-20-1	752565-21-2
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752565-27-8	752565-28-9	752565-29-0	752565-30-3	752565-31-4
752565-32-5	752565-33-6	752565-34-7	752565-35-8	752565-36-9
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752565-42-7	752565-43-8	752565-44-9	752565-45-0	752565-46-1
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752565-52-9	752565-53-0	752565-54-1	752565-55-2	752565-56-3
752565-57-4	752565-58-5	752565-59-6	752565-60-9	752565-61-0
752565-62-1	752565-63-2	752565-64-3	752565-65-4	752565-66-5
752565-67-6	752565-68-7	752565-69-8	752565-70-1	752565-71-2
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752565-77-8	752565-78-9	752565-79-0	752565-80-3	752565-81-4
752565-82-5	752565-83-6	752565-84-7	752565-85-8	752565-86-9
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752565-92-7	752565-93-8	752565-94-9	752565-95-0	752565-96-1
752565-97-2	752565-98-3	752565-99-4	752566-00-0	752566-01-1
752566-02-2	752566-03-3	752566-04-4	752566-05-5	752566-06-6
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752566-17-9	752566-18-0	752566-19-1	752566-20-4	752566-21-5
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752566-42-0	752566-43-1	752566-44-2	752566-45-3	752566-46-4
752566-47-5	752566-48-6	752566-49-7	752566-50-0	752566-51-1
752566-52-2	752566-53-3	752566-54-4	752566-55-5	752566-56-6
752566-57-7	752566-58-8	752566-59-9	752566-60-2	752566-61-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752566-62-4	752566-63-5	752566-64-6	752566-65-7	752566-66-8
	752566-67-9	752566-68-0	752566-69-1	752566-70-4	752566-71-5
	752566-72-6	752566-73-7	752566-74-8	752566-75-9	752566-76-0
	752566-77-1	752566-78-2	752566-79-3	752566-80-6	752566-81-7
	752566-82-8	752566-83-9	752566-84-0	752566-85-1	752566-86-2
	752566-87-3	752566-88-4	752566-89-5	752566-90-8	752566-91-9
	752566-92-0	752566-93-1	752566-94-2	752566-95-3	752566-96-4
	752566-97-5	752566-98-6	752566-99-7	752567-00-3	752567-01-4
	752567-02-5	752567-03-6	752567-04-7	752567-05-8	752567-06-9
	752567-07-0	752567-08-1	752567-09-2	752567-10-5	752567-11-6
	752567-12-7	752567-13-8	752567-14-9	752567-15-0	752567-16-1
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	752567-27-4	752567-28-5	752567-29-6	752567-30-9	752567-31-0
	752567-32-1	752567-33-2	752567-34-3	752567-35-4	752567-36-5
	752567-37-6	752567-38-7	752567-39-8	752567-40-1	752567-41-2
	752567-42-3	752567-43-4	752567-44-5	752567-45-6	752567-46-7
	752567-47-8	752567-48-9	752567-49-0	752567-50-3	752567-51-4
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	752567-62-7	752567-63-8	752567-64-9	752567-65-0	752567-66-1
	752567-67-2	752567-68-3	752567-69-4	752567-70-7	752567-71-8
	752567-72-9	752567-73-0	752567-74-1	752567-75-2	752567-76-3
	752567-77-4	752567-78-5	752567-79-6	752567-80-9	752567-81-0
	752567-82-1	752567-83-2	752567-84-3	752567-85-4	752567-86-5
	752567-87-6	752567-88-7	752567-89-8	752567-90-1	752567-91-2
	752567-92-3	752567-93-4	752567-94-5	752567-95-6	752567-96-7
	752567-97-8	752567-98-9	752567-99-0	752568-00-6	752568-01-7

752568-02-8 752568-03-9 752568-04-0
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 9005-53-2P, Lignin, preparation 11078-30-1P, Galactomannan
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation) (improved production of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved use and/or uptake of; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 752518-08-4 752518-09-5 752518-10-8 752518-11-9 752518-12-0
 752518-13-1 752518-14-2 752518-15-3 752518-16-4 752518-17-5
 752518-18-6 752518-19-7 752518-20-0 752518-21-1 752518-22-2
 752518-23-3 752518-24-4 752518-25-5 752518-26-6 752518-27-7
 752518-28-8 752518-29-9 752518-30-2 752518-31-3 752518-32-4
 752518-33-5 752518-34-6 752518-35-7 752518-36-8 752518-37-9
 752518-38-0 752518-39-1 752518-40-4 752518-41-5 752518-42-6
 752518-43-7 752518-44-8 752518-45-9 752518-46-0 752518-47-1
 752518-48-2 752518-49-3 752518-50-6 752518-51-7 752518-52-8
 752518-53-9 752518-54-0 752518-55-1 752518-56-2 752518-57-3
 752518-58-4 752518-59-5 752518-60-8 752518-61-9 752518-62-0
 752518-63-1 752518-64-2 752518-65-3 752518-66-4 752518-67-5
 752518-68-6 752518-69-7 752518-70-0 752518-71-1 752518-72-2
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 752518-83-5 752518-84-6 752518-85-7 752518-86-8 752518-87-9
 752518-88-0 752518-89-1 752518-90-4 752518-91-5 752518-92-6
 752518-93-7 752518-94-8 752518-95-9 752518-96-0 752518-97-1
 752518-98-2 752518-99-3 752519-00-9 752519-01-0 752519-02-1
 752519-03-2 752519-04-3 752519-05-4 752519-06-5 752519-07-6
 752519-08-7 752519-09-8 752519-10-1 752519-11-2 752519-12-3
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 752519-18-9 752519-19-0 752519-20-3 752519-21-4 752519-22-5
 752519-23-6 752519-24-7 752519-25-8 752519-26-9 752519-27-0
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 752519-33-8 752519-34-9 752519-35-0 752519-36-1 752519-37-2
 752519-38-3 752519-39-4 752519-40-7 752519-41-8 752519-42-9
 752519-43-0 752519-44-1 752519-45-2 752519-46-3 752519-47-4
 752519-48-5 752519-49-6 752519-50-9 752519-51-0 752519-52-1
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 752519-83-8 752519-84-9 752519-85-0 752519-86-1 752519-87-2
 752519-88-3 752519-89-4 752519-90-7 752519-91-8 752519-92-9
 752519-93-0 752519-94-1 752519-95-2 752519-96-3 752519-97-4
 752519-98-5 752519-99-6 752520-00-6 752520-01-7 752520-02-8
 752520-03-9 752520-04-0 752520-05-1 752520-06-2 752520-07-3
 752520-08-4 752520-09-5 752520-10-8 752520-11-9 752520-12-0
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 752520-18-6 752520-19-7 752520-20-0 752520-21-1 752520-22-2
 752520-23-3 752520-24-4 752520-25-5 752520-26-6 752520-27-7
 752520-28-8 752520-29-9 752520-30-2 752520-31-3 752520-32-4
 752520-33-5 752520-34-6 752520-35-7 752520-36-8 752520-37-9
 752520-38-0 752520-39-1 752520-40-4 752520-41-5 752520-42-6
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752520-43-7	752520-44-8	752520-45-9	752520-46-0	752520-47-1
	752520-48-2	752520-49-3	752520-50-6	752520-51-7	752520-52-8
	752520-53-9	752520-54-0	752520-55-1	752520-56-2	752520-57-3
	752520-58-4	752520-59-5	752520-60-8	752520-61-9	752520-62-0
	752520-63-1	752520-64-2	752520-65-3	752520-66-4	752520-67-5
	752520-68-6	752520-69-7	752520-70-0	752520-71-1	752520-72-2
	752520-73-3	752520-74-4	752520-75-5	752520-76-6	752520-77-7
	752520-78-8	752520-79-9	752520-80-2	752520-81-3	752520-82-4
	752520-83-5	752520-84-6	752520-85-7	752520-86-8	752520-87-9
	752520-88-0	752520-89-1	752520-90-4	752520-91-5	752520-92-6
	752520-93-7	752520-94-8	752520-95-9	752520-96-0	752520-97-1
	752520-98-2	752520-99-3	752521-00-9	752521-01-0	752521-02-1
	752521-03-2	752521-04-3	752521-05-4	752521-06-5	752521-07-6
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	752521-13-4	752521-14-5	752521-15-6	752521-16-7	752521-17-8
	752521-18-9	752521-19-0	752521-20-3	752521-21-4	752521-22-5
	752521-23-6	752521-24-7	752521-25-8	752521-26-9	752521-27-0
	752521-28-1	752521-29-2	752521-30-5	752521-31-6	752521-32-7
	752521-33-8	752521-34-9	752521-35-0	752521-36-1	752521-37-2
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	752521-48-5	752521-49-6	752521-50-9	752521-51-0	752521-52-1
	752521-53-2	752521-54-3	752521-55-4	752521-56-5	752521-57-6
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	752521-63-4	752521-64-5	752521-65-6	752521-66-7	752521-67-8
	752521-68-9	752521-69-0	752521-70-3	752521-71-4	752521-72-5
	752521-73-6	752521-74-7	752521-75-8	752521-76-9	752521-77-0
	752521-78-1	752521-79-2	752521-80-5	752521-81-6	752521-82-7
	752521-83-8	752521-84-9	752521-85-0	752521-86-1	752521-87-2
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	752522-03-5	752522-04-6	752522-05-7	752522-06-8	752522-07-9
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	752522-13-7	752522-14-8	752522-15-9	752522-16-0	752522-17-1
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	752522-33-1	752522-34-2	752522-35-3	752522-36-4	752522-37-5
	752522-38-6	752522-39-7	752522-40-0	752522-41-1	752522-42-2
	752522-43-3	752522-44-4	752522-45-5	752522-46-6	752522-47-7
	752522-48-8	752522-49-9	752522-50-2	752522-51-3	752522-52-4
	752522-53-5	752522-54-6	752522-55-7	752522-56-8	752522-57-9
	752522-58-0	752522-59-1	752522-60-4	752522-61-5	752522-62-6
	752522-63-7	752522-64-8	752522-65-9	752522-66-0	752522-67-1
	752522-68-2	752522-69-3	752522-70-6	752522-71-7	752522-72-8
	752522-73-9	752522-74-0	752522-75-1	752522-76-2	752522-77-3
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)					
IT	752522-78-4	752522-79-5	752522-80-8	752522-81-9	752522-82-0
	752522-83-1	752522-84-2	752522-85-3	752522-86-4	752522-87-5
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	752522-93-3	752522-94-4	752522-95-5	752522-96-6	752522-97-7
	752522-98-8	752522-99-9	752523-00-5	752523-01-6	752523-02-7
	752523-03-8	752523-04-9	752523-05-0	752523-06-1	752523-07-2
	752523-08-3	752523-09-4	752523-10-7	752523-11-8	752523-12-9
	752523-13-0	752523-14-1	752523-15-2	752523-16-3	752523-17-4
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	752523-23-2	752523-24-3	752523-25-4	752523-26-5	752523-27-6
	752523-28-7	752523-29-8	752523-30-1	752523-31-2	752523-32-3
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	752523-38-9	752523-39-0	752523-40-3	752523-41-4	752523-42-5
	752523-43-6	752523-44-7	752523-45-8	752523-46-9	752523-47-0
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752523-53-8	752523-54-9	752523-55-0	752523-56-1	752523-57-2
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752523-73-2	752523-74-3	752523-75-4	752523-76-5	752523-77-6
752523-78-7	752523-79-8	752523-80-1	752523-81-2	752523-82-3
752523-83-4	752523-84-5	752523-85-6	752523-86-7	752523-87-8
752523-88-9	752523-89-0	752523-90-3	752523-91-4	752523-92-5
752523-93-6	752523-94-7	752523-95-8	752523-96-9	752523-97-0
752523-98-1	752523-99-2	752524-00-8	752524-01-9	752524-02-0
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752524-13-3	752524-14-4	752524-15-5	752524-16-6	752524-17-7
752524-18-8	752524-19-9	752524-20-2	752524-21-3	752524-22-4
752524-23-5	752524-24-6	752524-25-7	752524-26-8	752524-27-9
752524-28-0	752524-29-1	752524-30-4	752524-31-5	752524-32-6
752524-33-7	752524-34-8	752524-35-9	752524-36-0	752524-37-1
752524-38-2	752524-39-3	752524-40-6	752524-41-7	752524-42-8
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752524-48-4	752524-49-5	752524-50-8	752524-51-9	752524-52-0
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752524-58-6	752524-59-7	752524-60-0	752524-61-1	752524-62-2
752524-63-3	752524-64-4	752524-65-5	752524-66-6	752524-67-7
752524-68-8	752524-69-9	752524-70-2	752524-71-3	752524-72-4
752524-73-5	752524-74-6	752524-75-7	752524-76-8	752524-77-9
752524-78-0	752524-79-1	752524-80-4	752524-81-5	752524-82-6
752524-83-7	752524-84-8	752524-85-9	752524-86-0	752524-87-1
752524-88-2	752524-89-3	752524-90-6	752524-91-7	752524-92-8
752524-93-9	752524-94-0	752524-95-1	752524-96-2	752524-97-3
752524-98-4	752524-99-5	752525-00-1	752525-01-2	752525-02-3
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752525-08-9	752525-09-0	752525-10-3	752525-11-4	752525-12-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752525-13-6	752525-14-7	752525-15-8	752525-16-9	752525-17-0
	752525-18-1	752525-19-2	752525-20-5	752525-21-6	752525-22-7
	752525-23-8	752525-24-9	752525-25-0	752525-26-1	752525-27-2
	752525-28-3	752525-29-4	752525-30-7	752525-31-8	752525-32-9
	752525-33-0	752525-34-1	752525-35-2	752525-36-3	752525-37-4
	752525-38-5	752525-39-6	752525-40-9	752525-41-0	752525-42-1
	752525-43-2	752525-44-3	752525-45-4	752525-46-5	752525-47-6
	752525-48-7	752525-49-8	752525-50-1	752525-51-2	752525-52-3
	752525-53-4	752525-54-5	752525-55-6	752525-56-7	752525-57-8
	752525-58-9	752525-59-0	752525-60-3	752525-61-4	752525-62-5
	752525-63-6	752525-64-7	752525-65-8	752525-66-9	752525-67-0
	752525-68-1	752525-69-2	752525-70-5	752525-71-6	752525-72-7
	752525-73-8	752525-74-9	752525-75-0	752525-76-1	752525-77-2
	752525-78-3	752525-79-4	752525-80-7	752525-81-8	752525-82-9
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	752526-18-4	752526-19-5	752526-20-8	752526-21-9	752526-22-0
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	752526-28-6	752526-29-7	752526-30-0	752526-31-1	752526-32-2
	752526-33-3	752526-34-4	752526-35-5	752526-36-6	752526-37-7
	752526-38-8	752526-39-9	752526-40-2	752526-41-3	752526-42-4
	752526-43-5	752526-44-6	752526-45-7	752526-46-8	752526-47-9
	752526-48-0	752526-49-1	752526-50-4	752526-51-5	752526-52-6
	752526-53-7	752526-54-8	752526-55-9	752526-56-0	752526-57-1
	752526-58-2	752526-59-3	752526-60-6	752526-61-7	752526-62-8

752526-63-9	752526-64-0	752526-65-1	752526-66-2	752526-67-3
752526-68-4	752526-69-5	752526-70-8	752526-71-9	752526-72-0
752526-73-1	752526-74-2	752526-75-3	752526-76-4	752526-77-5
752526-78-6	752526-79-7	752526-80-0	752526-81-1	752526-82-2
752526-83-3	752526-84-4	752526-85-5	752526-86-6	752526-87-7
752526-88-8	752526-89-9	752526-90-2	752526-91-3	752526-92-4
752526-93-5	752526-94-6	752526-95-7	752526-96-8	752526-97-9
752526-98-0	752526-99-1	752527-00-7	752527-01-8	752527-02-9
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752527-08-5	752527-09-6	752527-10-9	752527-11-0	752527-12-1
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752527-18-7	752527-19-8	752527-20-1	752527-21-2	752527-22-3
752527-23-4	752527-24-5	752527-25-6	752527-26-7	752527-27-8
752527-28-9	752527-29-0	752527-30-3	752527-31-4	752527-32-5
752527-33-6	752527-34-7	752527-35-8	752527-36-9	752527-37-0
752527-38-1	752527-39-2	752527-40-5	752527-41-6	752527-42-7
752527-43-8	752527-44-9	752527-45-0	752527-46-1	752527-47-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT	752527-48-3	752527-49-4	752527-50-7	752527-51-8	752527-52-9
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	752527-58-5	752527-59-6	752527-60-9	752527-61-0	752527-62-1
	752527-63-2	752527-64-3	752527-65-4	752527-66-5	752527-67-6
	752527-68-7	752527-69-8	752527-70-1	752527-71-2	752527-72-3
	752527-73-4	752527-74-5	752527-75-6	752527-76-7	752527-77-8
	752527-78-9	752527-79-0	752527-80-3	752527-81-4	752527-82-5
	752527-83-6	752527-84-7	752527-85-8	752527-86-9	752527-87-0
	752527-88-1	752527-89-2	752527-90-5	752527-91-6	752527-92-7
	752527-93-8	752527-94-9	752527-95-0	752527-96-1	752527-97-2
	752527-98-3	752527-99-4	752528-00-0	752528-01-1	752528-02-2
	752528-03-3	752528-04-4	752528-05-5	752528-06-6	752528-07-7
	752528-08-8	752528-09-9	752528-10-2	752528-11-3	752528-12-4
	752528-13-5	752528-14-6	752528-15-7	752528-16-8	752528-17-9
	752528-18-0	752528-19-1	752528-20-4	752528-21-5	752528-22-6
	752528-23-7	752528-24-8	752528-25-9	752528-26-0	752528-27-1
	752528-28-2	752528-29-3	752528-30-6	752528-31-7	752528-32-8
	752528-33-9	752528-34-0	752528-35-1	752528-36-2	752528-37-3
	752528-38-4	752528-39-5	752528-40-8	752528-41-9	752528-42-0
	752528-43-1	752528-44-2	752528-45-3	752528-46-4	752528-47-5
	752528-48-6	752528-49-7	752528-50-0	752528-51-1	752528-52-2
	752528-53-3	752528-54-4	752528-55-5	752528-56-6	752528-57-7
	752528-58-8	752528-59-9	752528-60-2	752528-61-3	752528-62-4
	752528-63-5	752528-64-6	752528-65-7	752528-66-8	752528-67-9
	752528-68-0	752528-69-1	752528-70-4	752528-71-5	752528-72-6
	752528-73-7	752528-74-8	752528-75-9	752528-76-0	752528-77-1
	752528-78-2	752528-79-3	752528-80-6	752528-81-7	752528-82-8
	752528-83-9	752528-84-0	752528-85-1	752528-86-2	752528-87-3
	752528-88-4	752528-89-5	752528-90-8	752528-91-9	752528-92-0
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	752528-98-6	752528-99-7	752529-00-3	752529-01-4	752529-02-5
	752529-03-6	752529-04-7	752529-05-8	752529-06-9	752529-07-0
	752529-08-1	752529-09-2	752529-10-5	752529-11-6	752529-12-7
	752529-13-8	752529-14-9	752529-15-0	752529-16-1	752529-17-2
	752529-18-3	752529-19-4	752529-20-7	752529-21-8	752529-22-9
	752529-23-0	752529-24-1	752529-25-2	752529-26-3	752529-27-4
	752529-28-5	752529-29-6	752529-30-9	752529-31-0	752529-32-1
	752529-33-2	752529-34-3	752529-35-4	752529-36-5	752529-37-6
	752529-38-7	752529-39-8	752529-40-1	752529-41-2	752529-42-3
	752529-43-4	752529-44-5	752529-45-6	752529-46-7	752529-47-8
	752529-48-9	752529-49-0	752529-50-3	752529-51-4	752529-52-5
	752529-53-6	752529-54-7	752529-55-8	752529-56-9	752529-57-0
	752529-58-1	752529-59-2	752529-60-5	752529-61-6	752529-62-7
	752529-63-8	752529-64-9	752529-65-0	752529-66-1	752529-67-2
	752529-68-3	752529-69-4	752529-70-7	752529-71-8	752529-72-9

752529-73-0 752529-74-1 752529-75-2 752529-76-3 752529-77-4
 752529-78-5 752529-79-6 752529-80-9 752529-81-0 752529-82-1
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

IT	752529-83-2	752529-84-3	752529-85-4	752529-86-5	752529-87-6
	752529-88-7	752529-89-8	752529-90-1	752529-91-2	752529-92-3
	752529-93-4	752529-94-5	752529-95-6	752529-96-7	752529-97-8
	752529-98-9	752529-99-0	752530-00-0	752530-01-1	752530-02-2
	752530-03-3	752530-04-4	752530-05-5	752530-06-6	752530-07-7
	752530-08-8	752530-09-9	752530-10-2	752530-11-3	752530-12-4
	752530-13-5	752530-14-6	752530-15-7	752530-16-8	752530-17-9
	752530-18-0	752530-19-1	752530-20-4	752530-21-5	752530-22-6
	752530-23-7	752530-24-8	752530-25-9	752530-26-0	752530-27-1
	752530-28-2	752530-29-3	752530-30-6	752530-31-7	752530-32-8
	752530-33-9	752530-34-0	752530-35-1	752530-36-2	752530-37-3
	752530-38-4	752530-39-5	752530-40-8	752530-41-9	752530-42-0
	752530-43-1	752530-44-2	752530-45-3	752530-46-4	752530-47-5
	752530-48-6	752530-49-7	752530-50-0	752530-51-1	752530-52-2
	752530-53-3	752530-54-4	752530-55-5	752530-56-6	752530-57-7
	752530-58-8	752530-59-9	752530-60-2	752530-61-3	752530-62-4
	752530-63-5	752530-64-6	752530-65-7	752530-66-8	752530-67-9
	752530-68-0	752530-69-1	752530-70-4	752530-71-5	752530-72-6
	752530-73-7	752530-74-8	752530-75-9	752530-76-0	752530-77-1
	752530-78-2	752530-79-3	752530-80-6	752530-81-7	752530-82-8
	752530-83-9	752530-84-0	752530-85-1	752530-86-2	752530-87-3
	752530-88-4	752530-89-5	752530-90-8	752530-91-9	752530-92-0
	752530-93-1	752530-94-2	752530-95-3	752530-96-4	752530-97-5
	752530-98-6	752530-99-7	752531-00-3	752531-01-4	752531-02-5
	752531-03-6	752531-04-7	752531-05-8	752531-06-9	752531-07-0
	752531-08-1	752531-09-2	752531-10-5	752531-11-6	752531-12-7
	752531-13-8	752531-14-9	752531-15-0	752531-16-1	752531-17-2
	752531-18-3	752531-19-4	752531-20-7	752531-21-8	752531-22-9
	752531-23-0	752531-24-1	752531-25-2	752531-26-3	752531-27-4
	752531-28-5	752531-29-6	752531-30-9	752531-31-0	752531-32-1
	752531-33-2	752531-34-3	752531-35-4	752531-36-5	752531-37-6
	752531-38-7	752531-39-8	752531-40-1	752531-41-2	752531-42-3
	752531-43-4	752531-44-5	752531-45-6	752531-46-7	752531-47-8
	752531-48-9	752531-49-0	752531-50-3	752531-51-4	752531-52-5
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	752531-58-1	752531-59-2	752531-60-5	752531-61-6	752531-62-7
	752531-63-8	752531-64-9	752531-65-0	752531-66-1	752531-67-2
	752531-68-3	752531-69-4	752531-70-7	752531-71-8	752531-72-9
	752531-73-0	752531-74-1	752531-75-2	752531-76-3	752531-77-4
	752531-78-5	752531-79-6	752531-80-9	752531-81-0	752531-82-1
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RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (nucleotide sequence; sorghum nucleic acids and encoded proteins and
 their uses improvement of transgenic plants)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (nucleotide sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

IT 752544-10-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; sorghum nucleic acids and encoded proteins and their uses improvement of transgenic plants)

RN 752544-10-8 HCAPLUS

CN Protein (sorghum clone SORBI-28MAY03-C14271_1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 FHEELLEHIS GMSVEDTREC TLTQVKSIYK AINNSSSRLL HLNSNALASK
51 MVQICLSTYC KHLMLHLVCL KFCFCILYQQ WFKSLT

L12 ANSWER 13 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:759727 HCAPLUS

DN 141:255535

ED Entered STN: 17 Sep 2004

TI Protein and cDNA sequences of an novel human secretory protein Zsig43

IN Sheppard, Paul O.; Lok, Si

PA USA

SO U.S. Pat. Appl. Publ., 38 pp., Cont. of U.S. Ser. No. 440,484, abandoned.
CODEN: USXXCO

DT Patent

LA English

IC ICM C07K014-705

ICS C07H021-04; C07K016-28

INCL 435069100; 435320100; 435325000; 530350000; 530388220; 536023500

CC 3-3 (Biochemical Genetics)

Section cross-reference(s): 6, 13

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004180398	A1	20040916	US 2001-33388	20011024 <--
PRAI	US 1998-109915P	P	19981123	<--	
	US 1999-440484	B1	19991115	<--	

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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Search done by Noble Jarrell

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US 2004180398   ICM   C07K014-705
                  ICS   C07H021-04; C07K016-28
                  INCL  435069100; 435320100; 435325000; 530350000; 530388220;
                        536023500
US 2004180398   NCL   435/069.100
                  ECLA  C07K014/705
AB  Receptors perform many functions that are essential for the metabolism and
    differentiation of cells. As such, this class of proteins often provides
    targets for therapeutically useful drugs. The present invention provides
    a new human membrane-associated polypeptide, designated "Zsig43.".
ST  protein sequence human secretory zsig43
IT  Gene, animal
    RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
        (Biological study)
        (Zsig43; protein and cDNA sequences of novel human secretory protein
        Zsig43)
IT  Eubacteria
    Fungi
    Insecta
    Plant cell
    Yeast
        (as expression host; protein and cDNA sequences of novel human
        secretory protein Zsig43)
IT  Animal cell
        (mammalian, as expression host; protein and cDNA sequences of novel
        human secretory protein Zsig43)
IT  Proteins
    RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
        PRP (Properties); BIOL (Biological study); PREP (Preparation)
        (membrane, Zsig43; protein and cDNA sequences of novel human secretory
        protein Zsig43)
IT  Human
    Molecular cloning
    Protein sequences
    cDNA sequences
        (protein and cDNA sequences of novel human secretory protein Zsig43)
IT  Antibodies and Immunoglobulins
    RL: BSU (Biological study, unclassified); BIOL (Biological study)
        (to Zsig43; protein and cDNA sequences of novel human secretory protein
        Zsig43)
IT  753038-80-1DP, Membrane protein Zsig43 (human), subfragments
    claimed
    RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
        PRP (Properties); BIOL (Biological study); PREP (Preparation)
        (amino acid sequence; protein and cDNA sequences of novel human
        secretory protein Zsig43)
IT  753038-79-8D, subfragments claimed 753038-84-5D, subfragments claimed
    RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
        (Biological study)
        (nucleotide sequence; protein and cDNA sequences of novel human
        secretory protein Zsig43)
IT  753038-85-6 753038-86-7
    RL: PRP (Properties)
        (unclaimed nucleotide sequence; protein and cDNA sequences of an novel
        human secretory protein Zsig43)
IT  753038-80-1DP, Membrane protein Zsig43 (human), subfragments
    claimed
    RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);
        PRP (Properties); BIOL (Biological study); PREP (Preparation)
        (amino acid sequence; protein and cDNA sequences of novel human
        secretory protein Zsig43)
RN  753038-80-1 HCAPLUS
CN  Membrane protein Zsig43 (human) (9CI) (CA INDEX NAME)

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SEQ 1 MPPASGPSVL ARLLPLLGLL LGSASRAPGK SPPEPPSPQE ILIKVQVYVS
 51 GELVPLARAS VDVFGNRTLL AAGTTDSEGV ATLPLSYRLG TWVLVTAARP
 101 GFLTNSVPWR VDKLPLYASV SLYLLPERPA TLILYEDLVH ILLGSPGARS
 151 QPLVQFQRR ARLPVSTYS QLWASLTPAS TQQEMRAFP FLGTEASSSG
 201 NGSWLELMPL TAVSVHLLTG NGTEVPLSGP IHLSPVPSE TRALTVGTSI
 251 PAWRFDPKSG LWVRNGTGVI RKEGRQLYWT FVSPQLGYWV AAMASPTAGL
 301 VTITSGIQDI GTYHTIFLLT ILAALALLVL ILLCLLIYYC RRRCLKPRQQ
 351 HRKLQLSGPS DGNKRDQATS MSQLHLICGG PLEPAPSGDP EAPPPGPLHS
 401 AFSSSRDLAS SRDDFFRTKP RSASRPAAEP SGARGGESAG LKGARSAEGP
 451 GGLEPGLEEH RRGPSGAAAF LHEPPSPPPP FDHYLGHKGA AEGKTPDFLL
 501 SQSVDQLARP PSLGQAGQLI FCGSIDHLKD NVYRNVMTPL VIPAHYVRLG
 551 GEAGAAGVGD EPAPPEGTAP GPARAFPOPD PQRPMMPGHS GPGGEGGGGG
 601 GEGWGAGRAA PVSGSVTIPV LFNSTMAQL NGELQALTEK KLELGVKPH
 651 PRAWFVSLDG RSNSQVRHSY IDLQAGGAR STDASLDGV DVHEARPARR
 701 RPAREERERA PPAAPPPPPA PPRLALSED EPSSSESRTG LCSPEDNSLT
 751 PLLDEVAAP GRAATVPRGR GRSRGDSSRS SASELRDLSL TSPEDELGAE
 801 VGDEAGDKKS PWQRREERPL MVFNVK

L12 ANSWER 14 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:663856 HCAPLUS
 DN 141:186010
 ED Entered STN: 16 Aug 2004
 TI Rice nucleic acid molecules and encoded proteins and their uses for plant improvement
 IN La Rosa, Thomas J.; Kovalic, David K.; Zhou, Yihua; Cao, Yongwei; Wu, Wei; Boukharov, Andrey A.; Barbazuk, Brad W.
 PA USA
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 837,604.
 CODEN: USXXCO
 DT Patent
 LA English
 IC A01H001-00; C12N015-82; C07H021-04; C12N009-24; C12N005-04
 INCL 800278000; 435069100; 435200000; 435201000; 435419000; 536023200
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 11

FAN.CNT 27

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
PRAI	US 2000-197872P	P	20000419	<--	
	US 2001-837604	A2	20010418		
	US 2003-437963	A	20030514		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004123343	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24IC C12N005-04
	INCL	800278000; 435069100; 435200000; 435201000; 435419000; 536023200
US 2004123343	NCL	800/278.000 <--
US 2004123343	NCL	800/278.000
	ECLA	C07K014/415 <--

AB The present invention provides 102,483 cDNA sequences and their encoded protein sequences from rice (*Oryza sativa*). Bioinformatic anal. identified putative functions and uses for the nucleic acids/polypeptides. The disclosed polynucleotides and polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of forty-one records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.].
 ST rice cDNA protein sequence plant transformation
 IT Stress, plant

(cold, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Stress, plant
(heat, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Recombination, genetic
(homologous; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Fats and Glyceridic oils, biological studies
Growth regulators, plant
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Pathogen
(improved tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Carbohydrates, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Stress, plant
(osmotic, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Cell cycle
Disease resistance, plant
Growth and development, plant
Herbicides
Oryza sativa
Photosynthesis, biological
Protein sequences
Transformation, genetic
cDNA library
cDNA sequences
(rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Transcription factors
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Proteins
cDNA
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Embryophyta
(transgenic; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737409-06-2 737409-07-3 737409-08-4 737409-09-5 737409-10-8
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

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737413-37-5	737413-38-6	737413-39-7	737413-40-0	737413-41-1
737413-42-2	737413-43-3	737413-44-4	737413-45-5	737413-46-6
737413-47-7	737413-48-8	737413-49-9	737413-50-2	737413-51-3
737413-52-4	737413-53-5	737413-54-6	737413-55-7	737413-56-8
737413-57-9	737413-58-0	737413-59-1	737413-60-4	737413-61-5
737413-62-6	737413-63-7	737413-64-8	737413-65-9	737413-66-0
737413-67-1	737413-68-2	737413-69-3	737413-70-6	737413-71-7
737413-72-8	737413-73-9	737413-74-0	737413-75-1	737413-76-2
737413-77-3	737413-78-4	737413-79-5	737413-80-8	737413-81-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737413-82-0	737413-83-1	737413-84-2	737413-85-3	737413-86-4
737413-87-5	737413-88-6	737413-89-7	737413-90-0	737413-91-1
737413-92-2	737413-93-3	737413-94-4	737413-95-5	737413-96-6
737413-97-7	737413-98-8	737413-99-9	737414-00-5	737414-01-6
737414-02-7	737414-03-8	737414-04-9	737414-05-0	737414-06-1
737414-07-2	737414-08-3	737414-09-4	737414-10-7	737414-11-8
737414-12-9	737414-13-0	737414-14-1	737414-15-2	737414-16-3
737414-17-4	737414-18-5	737414-19-6	737414-20-9	737414-21-0
737414-22-1	737414-23-2	737414-24-3	737414-25-4	737414-26-5
737414-27-6	737414-28-7	737414-29-8	737414-30-1	737414-31-2
737414-32-3	737414-33-4	737414-34-5	737414-35-6	737414-36-7
737414-37-8	737414-38-9	737414-39-0	737414-40-3	737414-41-4
737414-42-5	737414-43-6	737414-44-7	737414-45-8	737414-46-9
737414-47-0	737414-48-1	737414-49-2	737414-50-5	737414-51-6
737414-52-7	737414-53-8	737414-54-9	737414-55-0	737414-56-1
737414-57-2	737414-58-3	737414-59-4	737414-60-7	737414-61-8
737414-62-9	737414-63-0	737414-64-1	737414-65-2	737414-66-3
737414-67-4	737414-68-5	737414-69-6	737414-70-9	737414-71-0
737414-72-1	737414-73-2	737414-74-3	737414-75-4	737414-76-5
737414-77-6	737414-78-7	737414-79-8	737414-80-1	737414-81-2
737414-82-3	737414-83-4	737414-84-5	737414-85-6	737414-86-7
737414-87-8	737414-88-9	737414-89-0	737414-90-3	737414-91-4
737414-92-5	737414-93-6	737414-94-7	737414-95-8	737414-96-9
737414-97-0	737414-98-1	737414-99-2	737415-00-8	737415-01-9
737415-02-0	737415-03-1	737415-04-2	737415-05-3	737415-06-4
737415-07-5	737415-08-6	737415-09-7	737415-10-0	737415-11-1
737415-12-2	737415-13-3	737415-14-4	737415-15-5	737415-16-6
737415-17-7	737415-18-8	737415-19-9	737415-20-2	737415-21-3
737415-22-4	737415-23-5	737415-24-6	737415-25-7	737415-26-8
737415-27-9	737415-28-0	737415-29-1	737415-30-4	737415-31-5
737415-32-6	737415-33-7	737415-34-8	737415-35-9	737415-36-0
737415-37-1	737415-38-2	737415-39-3	737415-40-6	737415-41-7
737415-42-8	737415-43-9	737415-44-0	737415-45-1	737415-46-2
737415-47-3	737415-48-4	737415-49-5	737415-50-8	737415-51-9
737415-52-0	737415-53-1	737415-54-2	737415-55-3	737415-56-4
737415-57-5	737415-58-6	737415-59-7	737415-60-0	737415-61-1
737415-62-2	737415-63-3	737415-64-4	737415-65-5	737415-66-6
737415-67-7	737415-68-8	737415-69-9	737415-70-2	737415-71-3
737415-72-4	737415-73-5	737415-74-6	737415-75-7	737415-76-8
737415-77-9	737415-78-0	737415-79-1	737415-80-4	737415-81-5
737415-82-6	737415-83-7	737415-84-8	737415-85-9	737415-86-0
737415-87-1	737415-88-2	737415-89-3	737415-90-6	737415-91-7
737415-92-8	737415-93-9	737415-94-0	737415-95-1	737415-96-2
737415-97-3	737415-98-4	737415-99-5	737416-00-1	737416-01-2
737416-02-3	737416-03-4	737416-04-5	737416-05-6	737416-06-7
737416-07-8	737416-08-9	737416-09-0	737416-10-3	737416-11-4
737416-12-5	737416-13-6	737416-14-7	737416-15-8	737416-16-9

RL: BSU (Biological study, unclassified); BUU (Biological use,

unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and
their uses for plant improvement)

IT	737416-17-0	737416-18-1	737416-19-2	737416-20-5	737416-21-6
	737416-22-7	737416-23-8	737416-24-9	737416-25-0	737416-26-1
	737416-27-2	737416-28-3	737416-29-4	737416-30-7	737416-31-8
	737416-32-9	737416-33-0	737416-34-1	737416-35-2	737416-36-3
	737416-37-4	737416-38-5	737416-39-6	737416-40-9	737416-41-0
	737416-42-1	737416-43-2	737416-44-3	737416-45-4	737416-46-5
	737416-47-6	737416-48-7	737416-49-8	737416-50-1	737416-51-2
	737416-52-3	737416-53-4	737416-54-5	737416-55-6	737416-56-7
	737416-57-8	737416-58-9	737416-59-0	737416-60-3	737416-61-4
	737416-62-5	737416-63-6	737416-64-7	737416-65-8	737416-66-9
	737416-67-0	737416-68-1	737416-69-2	737416-70-5	737416-71-6
	737416-72-7	737416-73-8	737416-74-9	737416-75-0	737416-76-1
	737416-77-2	737416-78-3	737416-79-4	737416-80-7	737416-81-8
	737416-82-9	737416-83-0	737416-84-1	737416-85-2	737416-86-3
	737416-87-4	737416-88-5	737416-89-6	737416-90-9	737416-91-0
	737416-92-1	737416-93-2	737416-94-3	737416-95-4	737416-96-5
	737416-97-6	737416-98-7	737416-99-8	737417-00-4	737417-01-5
	737417-02-6	737417-03-7	737417-04-8	737417-05-9	737417-06-0
	737417-07-1	737417-08-2	737417-09-3	737417-10-6	737417-11-7
	737417-12-8	737417-13-9	737417-14-0	737417-15-1	737417-16-2
	737417-17-3	737417-18-4	737417-19-5	737417-20-8	737417-21-9
	737417-22-0	737417-23-1	737417-24-2	737417-25-3	737417-26-4
	737417-27-5	737417-28-6	737417-29-7	737417-30-0	737417-31-1
	737417-32-2	737417-33-3	737417-34-4	737417-35-5	737417-36-6
	737417-37-7	737417-38-8	737417-39-9	737417-40-2	737417-41-3
	737417-42-4	737417-43-5	737417-44-6	737417-45-7	737417-46-8
	737417-47-9	737417-48-0	737417-49-1	737417-50-4	737417-51-5
	737417-52-6	737417-53-7	737417-54-8	737417-55-9	737417-56-0
	737417-57-1	737417-58-2	737417-59-3	737417-60-6	737417-61-7
	737417-62-8	737417-63-9	737417-64-0	737417-65-1	737417-66-2
	737417-67-3	737417-68-4	737417-69-5	737417-70-8	737417-71-9
	737417-72-0	737417-73-1	737417-74-2	737417-75-3	737417-76-4
	737417-77-5	737417-78-6	737417-79-7	737417-80-0	737417-81-1
	737417-82-2	737417-83-3	737417-84-4	737417-85-5	737417-86-6
	737417-87-7	737417-88-8	737417-89-9	737417-90-2	737417-91-3
	737417-92-4	737417-93-5	737417-94-6	737417-95-7	737417-96-8
	737417-97-9	737417-98-0	737417-99-1	737418-00-7	737418-01-8
	737418-02-9	737418-03-0	737418-04-1	737418-05-2	737418-06-3
	737418-07-4	737418-08-5	737418-09-6	737418-10-9	737418-11-0
	737418-12-1	737418-13-2	737418-14-3	737418-15-4	737418-16-5
	737418-17-6	737418-18-7	737418-19-8	737418-20-1	737418-21-2
	737418-22-3	737418-23-4	737418-24-5	737418-25-6	737418-26-7
	737418-27-8	737418-28-9	737418-29-0	737418-30-3	737418-31-4
	737418-32-5	737418-33-6	737418-34-7	737418-35-8	737418-36-9
	737418-37-0	737418-38-1	737418-39-2	737418-40-5	737418-41-6
	737418-42-7	737418-43-8	737418-44-9	737418-45-0	737418-46-1
	737418-47-2	737418-48-3	737418-49-4	737418-50-7	737418-51-8

RL: BSU (Biological study, unclassified); BUU (Biological use,
unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and
their uses for plant improvement)

IT	737418-52-9	737418-53-0	737418-54-1	737418-55-2	737418-56-3
	737418-57-4	737418-58-5	737418-59-6	737418-60-9	737418-61-0
	737418-62-1	737418-63-2	737418-64-3	737418-65-4	737418-66-5
	737418-67-6	737418-68-7	737418-69-8	737418-70-1	737418-71-2
	737418-72-3	737418-73-4	737418-74-5	737418-75-6	737418-76-7
	737418-77-8	737418-78-9	737418-79-0	737418-80-3	737418-81-4
	737418-82-5	737418-83-6	737418-84-7	737418-85-8	737418-86-9
	737418-87-0	737418-88-1	737418-89-2	737418-90-5	737418-91-6
	737418-92-7	737418-93-8	737418-94-9	737418-95-0	737418-96-1
	737418-97-2	737418-98-3	737418-99-4	737419-00-0	737419-01-1
	737419-02-2	737419-03-3	737419-04-4	737419-05-5	737419-06-6
	737419-07-7	737419-08-8	737419-09-9	737419-10-2	737419-11-3

737419-12-4	737419-13-5	737419-14-6	737419-15-7	737419-16-8
737419-17-9	737419-18-0	737419-19-1	737419-20-4	737419-21-5
737419-22-6	737419-23-7	737419-24-8	737419-25-9	737419-26-0
737419-27-1	737419-28-2	737419-29-3	737419-30-6	737419-31-7
737419-32-8	737419-33-9	737419-34-0	737419-35-1	737419-36-2
737419-37-3	737419-38-4	737419-39-5	737419-40-8	737419-41-9
737419-42-0	737419-43-1	737419-44-2	737419-45-3	737419-46-4
737419-47-5	737419-48-6	737419-49-7	737419-50-0	737419-51-1
737419-52-2	737419-53-3	737419-54-4	737419-55-5	737419-56-6
737419-57-7	737419-58-8	737419-59-9	737419-60-2	737419-61-3
737419-62-4	737419-63-5	737419-64-6	737419-65-7	737419-66-8
737419-67-9	737419-68-0	737419-69-1	737419-70-4	737419-71-5
737419-72-6	737419-73-7	737419-74-8	737419-75-9	737419-76-0
737419-77-1	737419-78-2	737419-79-3	737419-80-6	737419-81-7
737419-82-8	737419-83-9	737419-84-0	737419-85-1	737419-86-2
737419-87-3	737419-88-4	737419-89-5	737419-90-8	737419-91-9
737419-92-0	737419-93-1	737419-94-2	737419-95-3	737419-96-4
737419-97-5	737419-98-6	737419-99-7	737420-00-7	737420-01-8
737420-02-9	737420-03-0	737420-04-1	737420-05-2	737420-06-3
737420-07-4	737420-08-5	737420-09-6	737420-10-9	737420-11-0
737420-12-1	737420-13-2	737420-14-3	737420-15-4	737420-16-5
737420-17-6	737420-18-7	737420-19-8	737420-20-1	737420-21-2
737420-22-3	737420-23-4	737420-24-5	737420-25-6	737420-26-7
737420-27-8	737420-28-9	737420-29-0	737420-30-3	737420-31-4
737420-32-5	737420-33-6	737420-34-7	737420-35-8	737420-36-9
737420-37-0	737420-38-1	737420-39-2	737420-40-5	737420-41-6
737420-42-7	737420-43-8	737420-44-9	737420-45-0	737420-46-1
737420-47-2	737420-48-3	737420-49-4	737420-50-7	737420-51-8
737420-52-9	737420-53-0	737420-54-1	737420-55-2	737420-56-3
737420-57-4	737420-58-5	737420-59-6	737420-60-9	737420-61-0
737420-62-1	737420-63-2	737420-64-3	737420-65-4	737420-66-5
737420-67-6	737420-68-7	737420-69-8	737420-70-1	737420-71-2
737420-72-3	737420-73-4	737420-74-5	737420-75-6	737420-76-7
737420-77-8	737420-78-9	737420-79-0	737420-80-3	737420-81-4
737420-82-5	737420-83-6	737420-84-7	737420-85-8	737420-86-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737420-87-0	737420-88-1	737420-89-2	737420-90-5	737420-91-6
	737420-92-7	737420-93-8	737420-94-9	737420-95-0	737420-96-1
	737420-97-2	737420-98-3	737420-99-4	737421-00-0	737421-01-1
	737421-02-2	737421-03-3	737421-04-4	737421-05-5	737421-06-6
	737421-07-7	737421-08-8	737421-09-9	737421-10-2	737421-11-3
	737421-12-4	737421-13-5	737421-14-6	737421-15-7	737421-16-8
	737421-17-9	737421-18-0	737421-19-1	737421-20-4	737421-21-5
	737421-22-6	737421-23-7	737421-24-8	737421-25-9	737421-26-0
	737421-27-1	737421-28-2	737421-29-3	737421-30-6	737421-31-7
	737421-32-8	737421-33-9	737421-34-0	737421-35-1	737421-36-2
	737421-37-3	737421-38-4	737421-39-5	737421-40-8	737421-41-9
	737421-42-0	737421-43-1	737421-44-2	737421-45-3	737421-46-4
	737421-47-5	737421-48-6	737421-49-7	737421-50-0	737421-51-1
	737421-52-2	737421-53-3	737421-54-4	737421-55-5	737421-56-6
	737421-57-7	737421-58-8	737421-59-9	737421-60-2	737421-61-3
	737421-62-4	737421-63-5	737421-64-6	737421-65-7	737421-66-8
	737421-67-9	737421-68-0	737421-69-1	737421-70-4	737421-71-5
	737421-72-6	737421-73-7	737421-74-8	737421-75-9	737421-76-0
	737421-77-1	737421-78-2	737421-79-3	737421-80-6	737421-81-7
	737421-82-8	737421-83-9	737421-84-0	737421-85-1	737421-86-2
	737421-87-3	737421-88-4	737421-89-5	737421-90-8	737421-91-9
	737421-92-0	737421-93-1	737421-94-2	737421-95-3	737421-96-4
	737421-97-5	737421-98-6	737421-99-7	737422-00-3	737422-01-4
	737422-02-5	737422-03-6	737422-04-7	737422-05-8	737422-06-9
	737422-07-0	737422-08-1	737422-09-2	737422-10-5	737422-11-6
	737422-12-7	737422-13-8	737422-14-9	737422-15-0	737422-16-1
	737422-17-2	737422-18-3	737422-19-4	737422-20-7	737422-21-8

737422-22-9	737422-23-0	737422-24-1	737422-25-2	737422-26-3
737422-27-4	737422-28-5	737422-29-6	737422-30-9	737422-31-0
737422-32-1	737422-33-2	737422-34-3	737422-35-4	737422-36-5
737422-37-6	737422-38-7	737422-39-8	737422-40-1	737422-41-2
737422-42-3	737422-43-4	737422-44-5	737422-45-6	737422-46-7
737422-47-8	737422-48-9	737422-49-0	737422-50-3	737422-51-4
737422-52-5	737422-53-6	737422-54-7	737422-55-8	737422-56-9
737422-57-0	737422-58-1	737422-59-2	737422-60-5	737422-61-6
737422-62-7	737422-63-8	737422-64-9	737422-65-0	737422-66-1
737422-67-2	737422-68-3	737422-69-4	737422-70-7	737422-71-8
737422-72-9	737422-73-0	737422-74-1	737422-75-2	737422-76-3
737422-77-4	737422-78-5	737422-79-6	737422-80-9	737422-81-0
737422-82-1	737422-83-2	737422-84-3	737422-85-4	737422-86-5
737422-87-6	737422-88-7	737422-89-8	737422-90-1	737422-91-2
737422-92-3	737422-93-4	737422-94-5	737422-95-6	737422-96-7
737422-97-8	737422-98-9	737422-99-0	737423-00-6	737423-01-7
737423-02-8	737423-03-9	737423-04-0	737423-05-1	737423-06-2
737423-07-3	737423-08-4	737423-09-5	737423-10-8	737423-11-9
737423-12-0	737423-13-1	737423-14-2	737423-15-3	737423-16-4
737423-17-5	737423-18-6	737423-19-7	737423-20-0	737423-21-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737423-22-2	737423-23-3	737423-24-4	737423-25-5	737423-26-6
737423-27-7	737423-28-8	737423-29-9	737423-30-2	737423-31-3
737423-32-4	737423-33-5	737423-34-6	737423-35-7	737423-36-8
737423-37-9	737423-38-0	737423-39-1	737423-40-4	737423-41-5
737423-42-6	737423-43-7	737423-44-8	737423-45-9	737423-46-0
737423-47-1	737423-48-2	737423-49-3	737423-50-6	737423-51-7
737423-52-8	737423-53-9	737423-54-0	737423-55-1	737423-56-2
737423-57-3	737423-58-4	737423-59-5	737423-60-8	737423-61-9
737423-62-0	737423-63-1	737423-64-2	737423-65-3	737423-66-4
737423-67-5	737423-68-6	737423-69-7	737423-70-0	737423-71-1
737423-72-2	737423-73-3	737423-74-4	737423-75-5	737423-76-6
737423-77-7	737423-78-8	737423-79-9	737423-80-2	737423-81-3
737423-82-4	737423-83-5	737423-84-6	737423-85-7	737423-86-8
737423-87-9	737423-88-0	737423-89-1	737423-90-4	737423-91-5
737423-92-6	737423-93-7	737423-94-8	737423-95-9	737423-96-0
737423-97-1	737423-98-2	737423-99-3	737424-00-9	737424-01-0
737424-02-1	737424-03-2	737424-04-3	737424-05-4	737424-06-5
737424-07-6	737424-08-7	737424-09-8	737424-10-1	737424-11-2
737424-12-3	737424-13-4	737424-14-5	737424-15-6	737424-16-7
737424-17-8	737424-18-9	737424-19-0	737424-20-3	737424-21-4
737424-22-5	737424-23-6	737424-24-7	737424-25-8	737424-26-9
737424-27-0	737424-28-1	737424-29-2	737424-30-5	737424-31-6
737424-32-7	737424-33-8	737424-34-9	737424-35-0	737424-36-1
737424-37-2	737424-38-3	737424-39-4	737424-40-7	737424-41-8
737424-42-9	737424-43-0	737424-44-1	737424-45-2	737424-46-3
737424-47-4	737424-48-5	737424-49-6	737424-50-9	737424-51-0
737424-52-1	737424-53-2	737424-54-3	737424-55-4	737424-56-5
737424-57-6	737424-58-7	737424-59-8	737424-60-1	737424-61-2
737424-62-3	737424-63-4	737424-64-5	737424-65-6	
737424-66-7	737424-67-8	737424-68-9	737424-69-0	737424-70-3
737424-71-4	737424-72-5	737424-73-6	737424-74-7	737424-75-8
737424-76-9	737424-77-0	737424-78-1	737424-79-2	737424-80-5
737424-81-6	737424-82-7	737424-83-8	737424-84-9	737424-85-0
737424-86-1	737424-87-2	737424-88-3	737424-89-4	737424-90-7
737424-91-8	737424-92-9	737424-93-0	737424-94-1	737424-95-2
737424-96-3	737424-97-4	737424-98-5	737424-99-6	737425-00-2
737425-01-3	737425-02-4	737425-03-5	737425-04-6	737425-05-7
737425-06-8	737425-07-9	737425-08-0	737425-09-1	737425-10-4
737425-11-5	737425-12-6	737425-13-7	737425-14-8	737425-15-9
737425-16-0	737425-17-1	737425-18-2	737425-19-3	737425-20-6
737425-21-7	737425-22-8	737425-23-9	737425-24-0	737425-25-1
737425-26-2	737425-27-3	737425-28-4	737425-29-5	737425-30-8

737425-31-9	737425-32-0	737425-33-1	737425-34-2	737425-35-3
737425-36-4	737425-37-5	737425-38-6	737425-39-7	737425-40-0
737425-41-1	737425-42-2	737425-43-3	737425-44-4	737425-45-5
737425-46-6	737425-47-7	737425-48-8	737425-49-9	737425-50-2
737425-51-3	737425-52-4	737425-53-5	737425-54-6	737425-55-7
737425-56-8				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737425-57-9	737425-58-0	737425-59-1	737425-60-4	737425-61-5
	737425-62-6	737425-63-7	737425-64-8	737425-65-9	737425-66-0
	737425-67-1	737425-68-2	737425-69-3	737425-70-6	737425-71-7
	737425-72-8	737425-73-9	737425-74-0	737425-75-1	737425-76-2
	737425-77-3	737425-78-4	737425-79-5	737425-80-8	737425-81-9
	737425-82-0	737425-83-1	737425-84-2	737425-85-3	737425-86-4
	737425-87-5	737425-88-6	737425-89-7	737425-90-0	737425-91-1
	737425-92-2	737425-93-3	737425-94-4	737425-95-5	737425-96-6
	737425-97-7	737425-98-8	737425-99-9	737426-00-5	737426-01-6
	737426-02-7	737426-03-8	737426-04-9	737426-05-0	737426-06-1
	737426-07-2	737426-08-3	737426-09-4	737426-10-7	737426-11-8
	737426-12-9	737426-13-0	737426-14-1	737426-15-2	737426-16-3
	737426-17-4	737426-18-5	737426-19-6	737426-20-9	737426-21-0
	737426-22-1	737426-23-2	737426-24-3	737426-25-4	737426-26-5
	737426-27-6	737426-28-7	737426-29-8	737426-30-1	737426-31-2
	737426-32-3	737426-33-4	737426-34-5	737426-35-6	737426-36-7
	737426-37-8	737426-38-9	737426-39-0	737426-40-3	737426-41-4
	737426-42-5	737426-43-6	737426-44-7	737426-45-8	737426-46-9
	737426-47-0	737426-48-1	737426-49-2	737426-50-5	737426-51-6
	737426-52-7	737426-53-8	737426-54-9	737426-55-0	737426-56-1
	737426-57-2	737426-58-3	737426-59-4	737426-60-7	737426-61-8
	737426-62-9	737426-63-0	737426-64-1	737426-65-2	737426-66-3
	737426-67-4	737426-68-5	737426-69-6	737426-70-9	737426-71-0
	737426-72-1	737426-73-2	737426-74-3	737426-75-4	737426-76-5
	737426-77-6	737426-78-7	737426-79-8	737426-80-1	737426-81-2
	737426-82-3	737426-83-4	737426-84-5	737426-85-6	737426-86-7
	737426-87-8	737426-88-9	737426-89-0	737426-90-3	737426-91-4
	737426-92-5	737426-93-6	737426-94-7	737426-95-8	737426-96-9
	737426-97-0	737426-98-1	737426-99-2	737427-00-8	737427-01-9
	737427-02-0	737427-03-1	737427-04-2	737427-05-3	737427-06-4
	737427-07-5	737427-08-6	737427-09-7	737427-10-0	737427-11-1
	737427-12-2	737427-13-3	737427-14-4	737427-15-5	737427-16-6
	737427-17-7	737427-18-8	737427-19-9	737427-20-2	737427-21-3
	737427-22-4	737427-23-5	737427-24-6	737427-25-7	737427-26-8
	737427-27-9	737427-28-0	737427-29-1	737427-30-4	737427-31-5
	737427-32-6	737427-33-7	737427-34-8	737427-35-9	737427-36-0
	737427-37-1	737427-38-2	737427-39-3	737427-40-6	737427-41-7
	737427-42-8	737427-43-9	737427-44-0	737427-45-1	737427-46-2
	737427-47-3	737427-48-4	737427-49-5	737427-50-8	737427-51-9
	737427-52-0	737427-53-1	737427-54-2	737427-55-3	737427-56-4
	737427-57-5	737427-58-6	737427-59-7	737427-60-0	737427-61-1
	737427-62-2	737427-63-3	737427-64-4	737427-65-5	737427-66-6
	737427-67-7	737427-68-8	737427-69-9	737427-70-2	737427-71-3
	737427-72-4	737427-73-5	737427-74-6	737427-75-7	737427-76-8
	737427-77-9	737427-78-0	737427-79-1	737427-80-4	737427-81-5
	737427-82-6	737427-83-7	737427-84-8	737427-85-9	737427-86-0
	737427-87-1	737427-88-2	737427-89-3	737427-90-6	737427-91-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737427-92-8	737427-93-9	737427-94-0	737427-95-1	737427-96-2
	737427-97-3	737427-98-4	737427-99-5	737428-00-1	737428-01-2
	737428-02-3	737428-03-4	737428-04-5	737428-05-6	737428-06-7
	737428-07-8	737428-08-9	737428-09-0	737428-10-3	737428-11-4
	737428-12-5	737428-13-6	737428-14-7	737428-15-8	737428-16-9

737428-17-0	737428-18-1	737428-19-2	737428-20-5	737428-21-6
737428-22-7	737428-23-8	737428-24-9	737428-25-0	737428-26-1
737428-27-2	737428-28-3	737428-29-4	737428-30-7	737428-31-8
737428-32-9	737428-33-0	737428-34-1	737428-35-2	737428-36-3
737428-37-4	737428-38-5	737428-39-6	737428-40-9	737428-41-0
737428-42-1	737428-43-2	737428-44-3	737428-45-4	737428-46-5
737428-47-6	737428-48-7	737428-49-8	737428-50-1	737428-51-2
737428-52-3	737428-53-4	737428-54-5	737428-55-6	737428-56-7
737428-57-8	737428-58-9	737428-59-0	737428-60-3	737428-61-4
737428-62-5	737428-63-6	737428-64-7	737428-65-8	737428-66-9
737428-67-0	737428-68-1	737428-69-2	737428-70-5	737428-71-6
737428-72-7	737428-73-8	737428-74-9	737428-75-0	737428-76-1
737428-77-2	737428-78-3	737428-79-4	737428-80-7	737428-81-8
737428-82-9	737428-83-0	737428-84-1	737428-85-2	737428-86-3
737428-87-4	737428-88-5	737428-89-6	737428-90-9	737428-91-0
737428-92-1	737428-93-2	737428-94-3	737428-95-4	737428-96-5
737428-97-6	737428-98-7	737428-99-8	737429-00-4	737429-01-5
737429-02-6	737429-03-7	737429-04-8	737429-05-9	737429-06-0
737429-07-1	737429-08-2	737429-09-3	737429-10-6	737429-11-7
737429-12-8	737429-13-9	737429-14-0	737429-15-1	737429-16-2
737429-17-3	737429-18-4	737429-19-5	737429-20-8	737429-21-9
737429-22-0	737429-23-1	737429-24-2	737429-25-3	737429-26-4
737429-27-5	737429-28-6	737429-29-7	737429-30-0	737429-31-1
737429-32-2	737429-33-3	737429-34-4	737429-35-5	737429-36-6
737429-37-7	737429-38-8	737429-39-9	737429-40-2	737429-41-3
737429-42-4	737429-43-5	737429-44-6	737429-45-7	737429-46-8
737429-47-9	737429-48-0	737429-49-1	737429-50-4	737429-51-5
737429-52-6	737429-53-7	737429-54-8	737429-55-9	737429-56-0
737429-57-1	737429-58-2	737429-59-3	737429-60-6	737429-61-7
737429-62-8	737429-63-9	737429-64-0	737429-65-1	737429-66-2
737429-67-3	737429-68-4	737429-69-5	737429-70-8	737429-71-9
737429-72-0	737429-73-1	737429-74-2	737429-75-3	737429-76-4
737429-77-5	737429-78-6	737429-79-7	737429-80-0	737429-81-1
737429-82-2	737429-83-3	737429-84-4	737429-85-5	737429-86-6
737429-87-7	737429-88-8	737429-89-9	737429-90-2	737429-91-3
737429-92-4	737429-93-5	737429-94-6	737429-95-7	737429-96-8
737429-97-9	737429-98-0	737429-99-1	737430-00-1	737430-01-2
737430-02-3	737430-03-4	737430-04-5	737430-05-6	737430-06-7
737430-07-8	737430-08-9	737430-09-0	737430-10-3	737430-11-4
737430-12-5	737430-13-6	737430-14-7	737430-15-8	737430-16-9
737430-17-0	737430-18-1	737430-19-2	737430-20-5	737430-21-6
737430-22-7	737430-23-8	737430-24-9	737430-25-0	737430-26-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737430-27-2	737430-28-3	737430-29-4	737430-30-7	737430-31-8
	737430-32-9	737430-33-0	737430-34-1	737430-35-2	737430-36-3
	737430-37-4	737430-38-5	737430-39-6	737430-40-9	737430-41-0
	737430-42-1	737430-43-2	737430-44-3	737430-45-4	737430-46-5
	737430-47-6	737430-48-7	737430-49-8	737430-50-1	737430-51-2
	737430-52-3	737430-53-4	737430-54-5	737430-55-6	737430-56-7
	737430-57-8	737430-58-9	737430-59-0	737430-60-3	737430-61-4
	737430-62-5	737430-63-6	737430-64-7	737430-65-8	737430-66-9
	737430-67-0	737430-68-1	737430-69-2	737430-70-5	737430-71-6
	737430-72-7	737430-73-8	737430-74-9	737430-75-0	737430-76-1
	737430-77-2	737430-78-3	737430-79-4	737430-80-7	737430-81-8
	737430-82-9	737430-83-0	737430-84-1	737430-85-2	737430-86-3
	737430-87-4	737430-88-5	737430-89-6	737430-90-9	737430-91-0
	737430-92-1	737430-93-2	737430-94-3	737430-95-4	737430-96-5
	737430-97-6	737430-98-7	737430-99-8	737431-00-4	737431-01-5
	737431-02-6	737431-03-7	737431-04-8	737431-05-9	737431-06-0
	737431-07-1	737431-08-2	737431-09-3	737431-10-6	737431-11-7
	737431-12-8	737431-13-9	737431-14-0	737431-15-1	737431-16-2
	737431-17-3	737431-18-4	737431-19-5	737431-20-8	737431-21-9
	737431-22-0	737431-23-1	737431-24-2	737431-25-3	737431-26-4

737431-27-5	737431-28-6	737431-29-7	737431-30-0	737431-31-1
737431-32-2	737431-33-3	737431-34-4	737431-35-5	737431-36-6
737431-37-7	737431-38-8	737431-39-9	737431-40-2	737431-41-3
737431-42-4	737431-43-5	737431-44-6	737431-45-7	737431-46-8
737431-47-9	737431-48-0	737431-49-1	737431-50-4	737431-51-5
737431-52-6	737431-53-7	737431-54-8	737431-55-9	737431-56-0
737431-57-1	737431-58-2	737431-59-3	737431-60-6	737431-61-7
737431-62-8	737431-63-9	737431-64-0	737431-65-1	737431-66-2
737431-67-3	737431-68-4	737431-69-5	737431-70-8	737431-71-9
737431-72-0	737431-73-1	737431-74-2	737431-75-3	737431-76-4
737431-77-5	737431-78-6	737431-79-7	737431-80-0	737431-81-1
737431-82-2	737431-83-3	737431-84-4	737431-85-5	737431-86-6
737431-87-7	737431-88-8	737431-89-9	737431-90-2	737431-91-3
737431-92-4	737431-93-5	737431-94-6	737431-95-7	737431-96-8
737431-97-9	737431-98-0	737431-99-1	737432-00-7	737432-01-8
737432-02-9	737432-03-0	737432-04-1	737432-05-2	737432-06-3
737432-07-4	737432-08-5	737432-09-6	737432-10-9	737432-11-0
737432-12-1	737432-13-2	737432-14-3	737432-15-4	737432-16-5
737432-17-6	737432-18-7	737432-19-8	737432-20-1	737432-21-2
737432-22-3	737432-23-4	737432-24-5	737432-25-6	737432-26-7
737432-27-8	737432-28-9	737432-29-0	737432-30-3	737432-31-4
737432-32-5	737432-33-6	737432-34-7	737432-35-8	737432-36-9
737432-37-0	737432-38-1	737432-39-2	737432-40-5	737432-41-6
737432-42-7	737432-43-8	737432-44-9	737432-45-0	737432-46-1
737432-47-2	737432-48-3	737432-49-4	737432-50-7	737432-51-8
737432-52-9	737432-53-0	737432-54-1	737432-55-2	737432-56-3
737432-57-4	737432-58-5	737432-59-6	737432-60-9	737432-61-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737432-62-1	737432-63-2	737432-64-3	737432-65-4	737432-66-5
	737432-67-6	737432-68-7	737432-69-8	737432-70-1	737432-71-2
	737432-72-3	737432-73-4	737432-74-5	737432-75-6	737432-76-7
	737432-77-8	737432-78-9	737432-79-0	737432-80-3	737432-81-4
	737432-82-5	737432-83-6	737432-84-7	737432-85-8	737432-86-9
	737432-87-0	737432-88-1	737432-89-2	737432-90-5	737432-91-6
	737432-92-7	737432-93-8	737432-94-9	737432-95-0	737432-96-1
	737432-97-2	737432-98-3	737432-99-4	737433-00-0	737433-01-1
	737433-02-2	737433-03-3	737433-04-4	737433-05-5	737433-06-6
	737433-07-7	737433-08-8	737433-09-9	737433-10-2	737433-11-3
	737433-12-4	737433-13-5	737433-14-6	737433-15-7	737433-16-8
	737433-17-9	737433-18-0	737433-19-1	737433-20-4	737433-21-5
	737433-22-6	737433-23-7	737433-24-8	737433-25-9	737433-26-0
	737433-27-1	737433-28-2	737433-29-3	737433-30-6	737433-31-7
	737433-32-8	737433-33-9	737433-34-0	737433-35-1	737433-36-2
	737433-37-3	737433-38-4	737433-39-5	737433-40-8	737433-41-9
	737433-42-0	737433-43-1	737433-44-2	737433-45-3	737433-46-4
	737433-47-5	737433-48-6	737433-49-7	737433-50-0	737433-51-1
	737433-52-2	737433-53-3	737433-54-4	737433-55-5	737433-56-6
	737433-57-7	737433-58-8	737433-59-9	737433-60-2	737433-61-3
	737433-62-4	737433-63-5	737433-64-6	737433-65-7	737433-66-8
	737433-67-9	737433-68-0	737433-69-1	737433-70-4	737433-71-5
	737433-72-6	737433-73-7	737433-74-8	737433-75-9	737433-76-0
	737433-77-1	737433-78-2	737433-79-3	737433-80-6	737433-81-7
	737433-82-8	737433-83-9	737433-84-0	737433-85-1	737433-86-2
	737433-87-3	737433-88-4	737433-89-5	737433-90-8	737433-91-9
	737433-92-0	737433-93-1	737433-94-2	737433-95-3	737433-96-4
	737433-97-5	737433-98-6	737433-99-7	737434-00-3	737434-01-4
	737434-02-5	737434-03-6	737434-04-7	737434-05-8	737434-06-9
	737434-07-0	737434-08-1	737434-09-2	737434-10-5	737434-11-6
	737434-12-7	737434-13-8	737434-14-9	737434-15-0	737434-16-1
	737434-17-2	737434-18-3	737434-19-4	737434-20-7	737434-21-8
	737434-22-9	737434-23-0	737434-24-1	737434-25-2	737434-26-3
	737434-27-4	737434-28-5	737434-29-6	737434-30-9	737434-31-0
	737434-32-1	737434-33-2	737434-34-3	737434-35-4	737434-36-5

737434-37-6	737434-38-7	737434-39-8	737434-40-1	737434-41-2
737434-42-3	737434-43-4	737434-44-5	737434-45-6	737434-46-7
737434-47-8	737434-48-9	737434-49-0	737434-50-3	737434-51-4
737434-52-5	737434-53-6	737434-54-7	737434-55-8	737434-56-9
737434-57-0	737434-58-1	737434-59-2	737434-60-5	737434-61-6
737434-62-7	737434-63-8	737434-64-9	737434-65-0	737434-66-1
737434-67-2	737434-68-3	737434-69-4	737434-70-7	737434-71-8
737434-72-9	737434-73-0	737434-74-1	737434-75-2	737434-76-3
737434-77-4	737434-78-5	737434-79-6	737434-80-9	737434-81-0
737434-82-1	737434-83-2	737434-84-3	737434-85-4	737434-86-5
737434-87-6	737434-88-7	737434-89-8	737434-90-1	737434-91-2
737434-92-3	737434-93-4	737434-94-5	737434-95-6	737434-96-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737434-97-8	737434-98-9	737434-99-0	737435-00-6	737435-01-7
	737435-02-8	737435-03-9	737435-04-0	737435-05-1	737435-06-2
	737435-07-3	737435-08-4	737435-09-5	737435-10-8	737435-11-9
	737435-12-0	737435-13-1	737435-14-2	737435-15-3	737435-16-4
	737435-17-5	737435-18-6	737435-19-7	737435-20-0	737435-21-1
	737435-22-2	737435-23-3	737435-24-4	737435-25-5	737435-26-6
	737435-27-7	737435-28-8	737435-29-9	737435-30-2	737435-31-3
	737435-32-4	737435-33-5	737435-34-6	737435-35-7	737435-36-8
	737435-37-9	737435-38-0	737435-39-1	737435-40-4	737435-41-5
	737435-42-6	737435-43-7	737435-44-8	737435-45-9	737435-46-0
	737435-47-1	737435-48-2	737435-49-3	737435-50-6	737435-51-7
	737435-52-8	737435-53-9	737435-54-0	737435-55-1	737435-56-2
	737435-57-3	737435-58-4	737435-59-5	737435-60-8	737435-61-9
	737435-62-0	737435-63-1	737435-64-2	737435-65-3	737435-66-4
	737435-67-5	737435-68-6	737435-69-7	737435-70-0	737435-71-1
	737435-72-2	737435-73-3	737435-74-4	737435-75-5	737435-76-6
	737435-77-7	737435-78-8	737435-79-9	737435-80-2	737435-81-3
	737435-82-4	737435-83-5	737435-84-6	737435-85-7	737435-86-8
	737435-87-9	737435-88-0	737435-89-1	737435-90-4	737435-91-5
	737435-92-6	737435-93-7	737435-94-8	737435-95-9	737435-96-0
	737435-97-1	737435-98-2	737435-99-3	737436-00-9	737436-01-0
	737436-02-1	737436-03-2	737436-04-3	737436-05-4	737436-06-5
	737436-07-6	737436-08-7	737436-09-8	737436-10-1	737436-11-2
	737436-12-3	737436-13-4	737436-14-5	737436-15-6	737436-16-7
	737436-17-8	737436-18-9	737436-19-0	737436-20-3	737436-21-4
	737436-22-5	737436-23-6	737436-24-7	737436-25-8	737436-26-9
	737436-27-0	737436-28-1	737436-29-2	737436-30-5	737436-31-6
	737436-32-7	737436-33-8	737436-34-9	737436-35-0	737436-36-1
	737436-37-2	737436-38-3	737436-39-4	737436-40-7	737436-41-8
	737436-42-9	737436-43-0	737436-44-1	737436-45-2	737436-46-3
	737436-47-4	737436-48-5	737436-49-6	737436-50-9	737436-51-0
	737436-52-1	737436-53-2	737436-54-3	737436-55-4	737436-56-5
	737436-57-6	737436-58-7	737436-59-8	737436-60-1	737436-61-2
	737436-62-3	737436-63-4	737436-64-5	737436-65-6	737436-66-7
	737436-67-8	737436-68-9	737436-69-0	737436-70-3	737436-71-4
	737436-72-5	737436-73-6	737436-74-7	737436-75-8	737436-76-9
	737436-77-0	737436-78-1	737436-79-2	737436-80-5	737436-81-6
	737436-82-7	737436-83-8	737436-84-9	737436-85-0	737436-86-1
	737436-87-2	737436-88-3	737436-89-4	737436-90-7	737436-91-8
	737436-92-9	737436-93-0	737436-94-1	737436-95-2	737436-96-3
	737436-97-4	737436-98-5	737436-99-6	737437-00-2	737437-01-3
	737437-02-4	737437-03-5	737437-04-6	737437-05-7	737437-06-8
	737437-07-9	737437-08-0	737437-09-1	737437-10-4	737437-11-5
	737437-12-6	737437-13-7	737437-14-8	737437-15-9	737437-16-0
	737437-17-1	737437-18-2	737437-19-3	737437-20-6	737437-21-7
	737437-22-8	737437-23-9	737437-24-0	737437-25-1	737437-26-2
	737437-27-3	737437-28-4	737437-29-5	737437-30-8	737437-31-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and

their uses for plant improvement)

IT	737437-32-0	737437-33-1	737437-34-2	737437-35-3	737437-36-4
	737437-37-5	737437-38-6	737437-39-7	737437-40-0	737437-41-1
	737437-42-2	737437-43-3	737437-44-4	737437-45-5	737437-46-6
	737437-47-7	737437-48-8	737437-49-9	737437-50-2	737437-51-3
	737437-52-4	737437-53-5	737437-54-6	737437-55-7	737437-56-8
	737437-57-9	737437-58-0	737437-59-1	737437-60-4	737437-61-5
	737437-62-6	737437-63-7	737437-64-8	737437-65-9	737437-66-0
	737437-67-1	737437-68-2	737437-69-3	737437-70-6	737437-71-7
	737437-72-8	737437-73-9	737437-74-0	737437-75-1	737437-76-2
	737437-77-3	737437-78-4	737437-79-5	737437-80-8	737437-81-9
	737437-82-0	737437-83-1	737437-84-2	737437-85-3	737437-86-4
	737437-87-5	737437-88-6	737437-89-7	737437-90-0	737437-91-1
	737437-92-2	737437-93-3	737437-94-4	737437-95-5	737437-96-6
	737437-97-7	737437-98-8	737437-99-9	737438-00-5	737438-01-6
	737438-02-7	737438-03-8	737438-04-9	737438-05-0	737438-06-1
	737438-07-2	737438-08-3	737438-09-4	737438-10-7	737438-11-8
	737438-12-9	737438-13-0	737438-14-1	737438-15-2	737438-16-3
	737438-17-4	737438-18-5	737438-19-6	737438-20-9	737438-21-0
	737438-22-1	737438-23-2	737438-24-3	737438-25-4	737438-26-5
	737438-27-6	737438-28-7	737438-29-8	737438-30-1	737438-31-2
	737438-32-3	737438-33-4	737438-34-5	737438-35-6	737438-36-7
	737438-37-8	737438-38-9	737438-39-0	737438-40-3	737438-41-4
	737438-42-5	737438-43-6	737438-44-7	737438-45-8	737438-46-9
	737438-47-0	737438-48-1	737438-49-2	737438-50-5	737438-51-6
	737438-52-7	737438-53-8	737438-54-9	737438-55-0	737438-56-1
	737438-57-2	737438-58-3	737438-59-4	737438-60-7	737438-61-8
	737438-62-9	737438-63-0	737438-64-1	737438-65-2	737438-66-3
	737438-67-4	737438-68-5	737438-69-6	737438-70-9	737438-71-0
	737438-72-1	737438-73-2	737438-74-3	737438-75-4	737438-76-5
	737438-77-6	737438-78-7	737438-79-8	737438-80-1	737438-81-2
	737438-82-3	737438-83-4	737438-84-5	737438-85-6	737438-86-7
	737438-87-8	737438-88-9	737438-89-0	737438-90-3	737438-91-4
	737438-92-5	737438-93-6	737438-94-7	737438-95-8	737438-96-9
	737438-97-0	737438-98-1	737438-99-2	737439-00-8	737439-01-9
	737439-02-0	737439-03-1	737439-04-2	737439-05-3	737439-06-4
	737439-07-5	737439-08-6	737439-09-7	737439-10-0	737439-11-1
	737439-12-2	737439-13-3	737439-14-4	737439-15-5	737439-16-6
	737439-17-7	737439-18-8	737439-19-9	737439-20-2	737439-21-3
	737439-22-4	737439-23-5	737439-24-6	737439-25-7	737439-26-8
	737439-27-9	737439-28-0	737439-29-1	737439-30-4	737439-31-5
	737439-32-6	737439-33-7	737439-34-8	737439-35-9	737439-36-0
	737439-37-1	737439-38-2	737439-39-3	737439-40-6	737439-41-7
	737439-42-8	737439-43-9	737439-44-0	737439-45-1	737439-46-2
	737439-47-3	737439-48-4	737439-49-5	737439-50-8	737439-51-9
	737439-52-0	737439-53-1	737439-54-2	737439-55-3	737439-56-4
	737439-57-5	737439-58-6	737439-59-7	737439-60-0	737439-61-1
	737439-62-2	737439-63-3	737439-64-4	737439-65-5	737439-66-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737439-67-7	737439-68-8	737439-69-9	737439-70-2	737439-71-3
	737439-72-4	737439-73-5	737439-74-6	737439-75-7	737439-76-8
	737439-77-9	737439-78-0	737439-79-1	737439-80-4	737439-81-5
	737439-82-6	737439-83-7	737439-84-8	737439-85-9	737439-86-0
	737439-87-1	737439-88-2	737439-89-3	737439-90-6	737439-91-7
	737439-92-8	737439-93-9	737439-94-0	737439-95-1	737439-96-2
	737439-97-3	737439-98-4	737439-99-5	737440-00-5	737440-01-6
	737440-02-7	737440-03-8	737440-04-9	737440-05-0	737440-06-1
	737440-07-2	737440-08-3	737440-09-4	737440-10-7	737440-11-8
	737440-12-9	737440-13-0	737440-14-1	737440-15-2	737440-16-3
	737440-17-4	737440-18-5	737440-19-6	737440-20-9	737440-21-0
	737440-22-1	737440-23-2	737440-24-3	737440-25-4	737440-26-5
	737440-27-6	737440-28-7	737440-29-8	737440-30-1	737440-31-2
	737440-32-3	737440-33-4	737440-34-5	737440-35-6	737440-36-7

737440-37-8	737440-38-9	737440-39-0	737440-40-3	737440-41-4
737440-42-5	737440-43-6	737440-44-7	737440-45-8	737440-46-9
737440-47-0	737440-48-1	737440-49-2	737440-50-5	737440-51-6
737440-52-7	737440-53-8	737440-54-9	737440-55-0	737440-56-1
737440-57-2	737440-58-3	737440-59-4	737440-60-7	737440-61-8
737440-62-9	737440-63-0	737440-64-1	737440-65-2	737440-66-3
737440-67-4	737440-68-5	737440-69-6	737440-70-9	737440-71-0
737440-72-1	737440-73-2	737440-74-3	737440-75-4	737440-76-5
737440-77-6	737440-78-7	737440-79-8	737440-80-1	737440-81-2
737440-82-3	737440-83-4	737440-84-5	737440-85-6	737440-86-7
737440-87-8	737440-88-9	737440-89-0	737440-90-3	737440-91-4
737440-92-5	737440-93-6	737440-94-7	737440-95-8	737440-96-9
737440-97-0	737440-98-1	737440-99-2	737441-00-8	737441-01-9
737441-02-0	737441-03-1	737441-04-2	737441-05-3	737441-06-4
737441-07-5	737441-08-6	737441-09-7	737441-10-0	737441-11-1
737441-12-2	737441-13-3	737441-14-4	737441-15-5	737441-16-6
737441-17-7	737441-18-8	737441-19-9	737441-20-2	737441-21-3
737441-22-4	737441-23-5	737441-24-6	737441-25-7	737441-26-8
737441-27-9	737441-28-0	737441-29-1	737441-30-4	737441-31-5
737441-32-6	737441-33-7	737441-34-8	737441-35-9	737441-36-0
737441-37-1	737441-38-2	737441-39-3	737441-40-6	737441-41-7
737441-42-8	737441-43-9	737441-44-0	737441-45-1	737441-46-2
737441-47-3	737441-48-4	737441-49-5	737441-50-8	737441-51-9
737441-52-0	737441-53-1	737441-54-2	737441-55-3	737441-56-4
737441-57-5	737441-58-6	737441-59-7	737441-60-0	737441-61-1
737441-62-2	737441-63-3	737441-64-4	737441-65-5	737441-66-6
737441-67-7	737441-68-8	737441-69-9	737441-70-2	737441-71-3
737441-72-4	737441-73-5	737441-74-6	737441-75-7	737441-76-8
737441-77-9	737441-78-0	737441-79-1	737441-80-4	737441-81-5
737441-82-6	737441-83-7	737441-84-8	737441-85-9	737441-86-0
737441-87-1	737441-88-2	737441-89-3	737441-90-6	737441-91-7
737441-92-8	737441-93-9	737441-94-0	737441-95-1	737441-96-2
737441-97-3	737441-98-4	737441-99-5	737442-00-1	737442-01-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737442-02-3	737442-03-4	737442-04-5	737442-05-6	737442-06-7
	737442-07-8	737442-08-9	737442-09-0	737442-10-3	737442-11-4
	737442-12-5	737442-13-6	737442-14-7	737442-15-8	737442-16-9
	737442-17-0	737442-18-1	737442-19-2	737442-20-5	737442-21-6
	737442-22-7	737442-23-8	737442-24-9	737442-25-0	737442-26-1
	737442-27-2	737442-28-3	737442-29-4	737442-30-7	737442-31-8
	737442-32-9	737442-33-0	737442-34-1	737442-35-2	737442-36-3
	737442-37-4	737442-38-5	737442-39-6	737442-40-9	737442-41-0
	737442-42-1	737442-43-2	737442-44-3	737442-45-4	737442-46-5
	737442-47-6	737442-48-7	737442-49-8	737442-50-1	737442-51-2
	737442-52-3	737442-53-4	737442-54-5	737442-55-6	737442-56-7
	737442-57-8	737442-58-9	737442-59-0	737442-60-3	737442-61-4
	737442-62-5	737442-63-6	737442-64-7	737442-65-8	737442-66-9
	737442-67-0	737442-68-1	737442-69-2	737442-70-5	737442-71-6
	737442-72-7	737442-73-8	737442-74-9	737442-75-0	737442-76-1
	737442-77-2	737442-78-3	737442-79-4	737442-80-7	737442-81-8
	737442-82-9	737442-83-0	737442-84-1	737442-85-2	737442-86-3
	737442-87-4	737442-88-5	737442-89-6	737442-90-9	737442-91-0
	737442-92-1	737442-93-2	737442-94-3	737442-95-4	737442-96-5
	737442-97-6	737442-98-7	737442-99-8	737443-00-4	737443-01-5
	737443-02-6	737443-03-7	737443-04-8	737443-05-9	737443-06-0
	737443-07-1	737443-08-2	737443-09-3	737443-10-6	737443-11-7
	737443-12-8	737443-13-9	737443-14-0	737443-15-1	737443-16-2
	737443-17-3	737443-18-4	737443-19-5	737443-20-8	737443-21-9
	737443-22-0	737443-23-1	737443-24-2	737443-25-3	737443-26-4
	737443-27-5	737443-28-6	737443-29-7	737443-30-0	737443-31-1
	737443-32-2	737443-33-3	737443-34-4	737443-35-5	737443-36-6
	737443-37-7	737443-38-8	737443-39-9	737443-40-2	737443-41-3
	737443-42-4	737443-43-5	737443-44-6	737443-45-7	737443-46-8

737443-47-9	737443-48-0	737443-49-1	737443-50-4	737443-51-5
737443-52-6	737443-53-7	737443-54-8	737443-55-9	737443-56-0
737443-57-1	737443-58-2	737443-59-3	737443-60-6	737443-61-7
737443-62-8	737443-63-9	737443-64-0	737443-65-1	737443-66-2
737443-67-3	737443-68-4	737443-69-5	737443-70-8	737443-71-9
737443-72-0	737443-73-1	737443-74-2	737443-75-3	737443-76-4
737443-77-5	737443-78-6	737443-79-7	737443-80-0	737443-81-1
737443-82-2	737443-83-3	737443-84-4	737443-85-5	737443-86-6
737443-87-7	737443-88-8	737443-89-9	737443-90-2	737443-91-3
737443-92-4	737443-93-5	737443-94-6	737443-95-7	737443-96-8
737443-97-9	737443-98-0	737443-99-1	737444-00-7	737444-01-8
737444-02-9	737444-03-0	737444-04-1	737444-05-2	737444-06-3
737444-07-4	737444-08-5	737444-09-6	737444-10-9	737444-11-0
737444-12-1	737444-13-2	737444-14-3	737444-15-4	737444-16-5
737444-17-6	737444-18-7	737444-19-8	737444-20-1	737444-21-2
737444-22-3	737444-23-4	737444-24-5	737444-25-6	737444-26-7
737444-27-8	737444-28-9	737444-29-0	737444-30-3	737444-31-4
737444-32-5	737444-33-6	737444-34-7	737444-35-8	737444-36-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737444-37-0	737444-38-1	737444-39-2	737444-40-5	737444-41-6
737444-42-7	737444-43-8	737444-44-9	737444-45-0	737444-46-1
737444-47-2	737444-48-3	737444-49-4	737444-50-7	737444-51-8
737444-52-9	737444-53-0	737444-54-1	737444-55-2	737444-56-3
737444-57-4	737444-58-5	737444-59-6	737444-60-9	737444-61-0
737444-62-1	737444-63-2	737444-64-3	737444-65-4	737444-66-5
737444-67-6	737444-68-7	737444-69-8	737444-70-1	737444-71-2
737444-72-3	737444-73-4	737444-74-5	737444-75-6	737444-76-7
737444-77-8	737444-78-9	737444-79-0	737444-80-3	737444-81-4
737444-82-5	737444-83-6	737444-84-7	737444-85-8	737444-86-9
737444-87-0	737444-88-1	737444-89-2	737444-90-5	737444-91-6
737444-92-7	737444-93-8	737444-94-9	737444-95-0	737444-96-1
737444-97-2	737444-98-3	737444-99-4	737445-00-0	737445-01-1
737445-02-2	737445-03-3	737445-04-4	737445-05-5	737445-06-6
737445-07-7	737445-08-8	737445-09-9	737445-10-2	737445-11-3
737445-12-4	737445-13-5	737445-14-6	737445-15-7	737445-16-8
737445-17-9	737445-18-0	737445-19-1	737445-20-4	737445-21-5
737445-22-6	737445-23-7	737445-24-8	737445-25-9	737445-26-0
737445-27-1	737445-28-2	737445-29-3	737445-30-6	737445-31-7
737445-32-8	737445-33-9	737445-34-0	737445-35-1	737445-36-2
737445-37-3	737445-38-4	737445-39-5	737445-40-8	737445-41-9
737445-42-0	737445-43-1	737445-44-2	737445-45-3	
737445-46-4	737445-47-5	737445-48-6	737445-49-7	737445-50-0
737445-51-1	737445-52-2	737445-53-3	737445-54-4	737445-55-5
737445-56-6	737445-57-7	737445-58-8	737445-59-9	737445-60-2
737445-61-3	737445-62-4	737445-63-5	737445-64-6	737445-65-7
737445-66-8	737445-67-9	737445-68-0	737445-69-1	737445-70-4
737445-71-5	737445-72-6	737445-73-7	737445-74-8	737445-75-9
737445-76-0	737445-77-1	737445-78-2	737445-79-3	737445-80-6
737445-81-7	737445-82-8	737445-83-9	737445-84-0	737445-85-1
737445-86-2	737445-87-3	737445-88-4	737445-89-5	737445-90-8
737445-91-9	737445-92-0	737445-93-1	737445-94-2	737445-95-3
737445-96-4	737445-97-5	737445-98-6	737445-99-7	737446-00-3
737446-01-4	737446-02-5	737446-03-6	737446-04-7	737446-05-8
737446-06-9	737446-07-0	737446-08-1	737446-09-2	737446-10-5
737446-11-6	737446-12-7	737446-13-8	737446-14-9	737446-15-0
737446-16-1	737446-17-2	737446-18-3	737446-19-4	737446-20-7
737446-21-8	737446-22-9	737446-23-0	737446-24-1	737446-25-2
737446-26-3	737446-27-4	737446-28-5	737446-29-6	737446-30-9
737446-31-0	737446-32-1	737446-33-2	737446-34-3	737446-35-4
737446-36-5	737446-37-6	737446-38-7	737446-39-8	737446-40-1
737446-41-2	737446-42-3	737446-43-4	737446-44-5	737446-45-6
737446-46-7	737446-47-8	737446-48-9	737446-49-0	737446-50-3
737446-51-4	737446-52-5	737446-53-6	737446-54-7	737446-55-8

737446-56-9 737446-57-0 737446-58-1 737446-59-2 737446-60-5
 737446-61-6 737446-62-7 737446-63-8 737446-64-9 737446-65-0
 737446-66-1 737446-67-2 737446-68-3 737446-69-4 737446-70-7
 737446-71-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737446-72-9 737446-73-0 737446-74-1 737446-75-2 737446-76-3
 737446-77-4 737446-78-5 737446-79-6 737446-80-9 737446-81-0
 737446-82-1 737446-83-2 737446-84-3 737446-85-4 737446-86-5
 737446-87-6 737446-88-7 737446-89-8 737446-90-1 737446-91-2
 737446-92-3 737446-93-4 737446-94-5 737446-95-6 737446-96-7
 737446-97-8 737446-98-9 737446-99-0 737447-00-6 737447-01-7
 737447-02-8 737447-03-9 737447-04-0 737447-05-1 737447-06-2
 737447-07-3 737447-08-4 737447-09-5 737447-10-8 737447-11-9
 737447-12-0 737447-13-1 737447-14-2 737447-15-3 737447-16-4
 737447-17-5 737447-18-6 737447-19-7 737447-20-0 737447-21-1
 737447-22-2 737447-23-3 737447-24-4 737447-25-5 737447-26-6
 737447-27-7 737447-28-8 737447-29-9 737447-30-2 737447-31-3
 737447-32-4 737447-33-5 737447-34-6 737447-35-7 737447-36-8
 737447-37-9 737447-38-0 737447-39-1 737447-40-4 737447-41-5
 737447-42-6 737447-43-7 737447-44-8 737447-45-9 737447-46-0
 737447-47-1 737447-48-2 737447-49-3 737447-50-6 737447-51-7
 737447-52-8 737447-53-9 737447-54-0 737447-55-1 737447-56-2
 737447-57-3 737447-58-4 737447-59-5 737447-60-8 737447-61-9
 737447-62-0 737447-63-1 737447-64-2 737447-65-3 737447-66-4
 737447-67-5 737447-68-6 737447-69-7 737447-70-0 737447-71-1
 737447-72-2 737447-73-3 737447-74-4 737447-75-5 737447-76-6
 737447-77-7 737447-78-8 737447-79-9 737447-80-2 737447-81-3
 737447-82-4 737447-83-5 737447-84-6 737447-85-7 737447-86-8
 737447-87-9 737447-88-0 737447-89-1 737447-90-4 737447-91-5
 737447-92-6 737447-93-7 737447-94-8 737447-95-9 737447-96-0
 737447-97-1 737447-98-2 737447-99-3 737448-00-9 737448-01-0
 737448-02-1 737448-03-2 737448-04-3 737448-05-4 737448-06-5
 737448-07-6 737448-08-7 737448-09-8 737448-10-1 737448-11-2
 737448-12-3 737448-13-4 737448-14-5 737448-15-6 737448-16-7
 737448-17-8 737448-18-9 737448-19-0 737448-20-3 737448-21-4
 737448-22-5 737448-23-6 737448-24-7 737448-25-8 737448-26-9
 737448-27-0 737448-28-1 737448-29-2 737448-30-5 737448-31-6
 737448-32-7 737448-33-8 737448-34-9 737448-35-0 737448-36-1
 737448-37-2 737448-38-3 737448-39-4 737448-40-7 737448-41-8
 737448-42-9 737448-43-0 737448-44-1 737448-45-2 737448-46-3
 737448-47-4 737448-48-5 737448-49-6 737448-50-9 737448-51-0
 737448-52-1 737448-53-2 737448-54-3 737448-55-4 737448-56-5
 737448-57-6 737448-58-7 737448-59-8 737448-60-1 737448-61-2
 737448-62-3 737448-63-4 737448-64-5 737448-65-6 737448-66-7
 737448-67-8 737448-68-9 737448-69-0 737448-70-3 737448-71-4
 737448-72-5 737448-73-6 737448-74-7 737448-75-8 737448-76-9
 737448-77-0 737448-78-1 737448-79-2 737448-80-5 737448-81-6
 737448-82-7 737448-83-8 737448-84-9 737448-85-0 737448-86-1
 737448-87-2 737448-88-3 737448-89-4 737448-90-7 737448-91-8
 737448-92-9 737448-93-0 737448-94-1 737448-95-2 737448-96-3
 737448-97-4 737448-98-5 737448-99-6 737449-00-2 737449-01-3
 737449-02-4 737449-03-5 737449-04-6 737449-05-7 737449-06-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737449-07-9 737449-08-0 737449-09-1 737449-10-4 737449-11-5
 737449-12-6 737449-13-7 737449-14-8 737449-15-9 737449-16-0
 737449-17-1 737449-18-2 737449-19-3 737449-20-6 737449-21-7
 737449-22-8 737449-23-9 737449-24-0 737449-25-1 737449-26-2
 737449-27-3 737449-28-4 737449-29-5 737449-30-8 737449-31-9
 737449-32-0 737449-33-1 737449-34-2 737449-35-3 737449-36-4
 737449-37-5 737449-38-6 737449-39-7 737449-40-0 737449-41-1

737449-42-2	737449-43-3	737449-44-4	737449-45-5	737449-46-6
737449-47-7	737449-48-8	737449-49-9	737449-50-2	737449-51-3
737449-52-4	737449-53-5	737449-54-6	737449-55-7	737449-56-8
737449-57-9	737449-58-0	737449-59-1	737449-60-4	737449-61-5
737449-62-6	737449-63-7	737449-64-8	737449-65-9	737449-66-0
737449-67-1	737449-68-2	737449-69-3	737449-70-6	737449-71-7
737449-72-8	737449-73-9	737449-74-0	737449-75-1	737449-76-2
737449-77-3	737449-78-4	737449-79-5	737449-80-8	737449-81-9
737449-82-0	737449-83-1	737449-84-2	737449-85-3	737449-86-4
737449-87-5	737449-88-6	737449-89-7	737449-90-0	737449-91-1
737449-92-2	737449-93-3	737449-94-4	737449-95-5	737449-96-6
737449-97-7	737449-98-8	737449-99-9	737450-00-9	737450-01-0
737450-02-1	737450-03-2	737450-04-3	737450-05-4	737450-06-5
737450-07-6	737450-08-7	737450-09-8	737450-10-1	737450-11-2
737450-12-3	737450-13-4	737450-14-5	737450-15-6	737450-16-7
737450-17-8	737450-18-9	737450-19-0	737450-20-3	737450-21-4
737450-22-5	737450-23-6	737450-24-7	737450-25-8	737450-26-9
737450-27-0	737450-28-1	737450-29-2	737450-30-5	737450-31-6
737450-32-7	737450-33-8	737450-34-9	737450-35-0	737450-36-1
737450-37-2	737450-38-3	737450-39-4	737450-40-7	737450-41-8
737450-42-9	737450-43-0	737450-44-1	737450-45-2	737450-46-3
737450-47-4	737450-48-5	737450-49-6	737450-50-9	737450-51-0
737450-52-1	737450-53-2	737450-54-3	737450-55-4	737450-56-5
737450-57-6	737450-58-7	737450-59-8	737450-60-1	737450-61-2
737450-62-3	737450-63-4	737450-64-5	737450-65-6	737450-66-7
737450-67-8	737450-68-9	737450-69-0	737450-70-3	737450-71-4
737450-72-5	737450-73-6	737450-74-7	737450-75-8	737450-76-9
737450-77-0	737450-78-1	737450-79-2	737450-80-5	737450-81-6
737450-82-7	737450-83-8	737450-84-9	737450-85-0	737450-86-1
737450-87-2	737450-88-3	737450-89-4	737450-90-7	737450-91-8
737450-92-9	737450-93-0	737450-94-1	737450-95-2	737450-96-3
737450-97-4	737450-98-5	737450-99-6	737451-00-2	737451-01-3
737451-02-4	737451-03-5	737451-04-6	737451-05-7	737451-06-8
737451-07-9	737451-08-0	737451-09-1	737451-10-4	737451-11-5
737451-12-6	737451-13-7	737451-14-8	737451-15-9	737451-16-0
737451-17-1	737451-18-2	737451-19-3	737451-20-6	737451-21-7
737451-22-8	737451-23-9	737451-24-0	737451-25-1	737451-26-2
737451-27-3	737451-28-4	737451-29-5	737451-30-8	737451-31-9
737451-32-0	737451-33-1	737451-34-2	737451-35-3	737451-36-4
737451-37-5	737451-38-6	737451-39-7	737451-40-0	737451-41-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737451-42-2	737451-43-3	737451-44-4	737451-45-5	737451-46-6
737451-47-7	737451-48-8	737451-49-9	737451-50-2	737451-51-3
737451-52-4	737451-53-5	737451-54-6	737451-55-7	737451-56-8
737451-57-9	737451-58-0	737451-59-1	737451-60-4	737451-61-5
737451-62-6	737451-63-7	737451-64-8	737451-65-9	737451-66-0
737451-67-1	737451-68-2	737451-69-3	737451-70-6	737451-71-7
737451-72-8	737451-73-9	737451-74-0	737451-75-1	737451-76-2
737451-77-3	737451-78-4	737451-79-5	737451-80-8	737451-81-9
737451-82-0	737451-83-1	737451-84-2	737451-85-3	737451-86-4
737451-87-5	737451-88-6	737451-89-7	737451-90-0	737451-91-1
737451-92-2	737451-93-3	737451-94-4	737451-95-5	737451-96-6
737451-97-7	737451-98-8	737451-99-9	737452-00-5	737452-01-6
737452-02-7	737452-03-8	737452-04-9	737452-05-0	737452-06-1
737452-07-2	737452-08-3	737452-09-4	737452-10-7	737452-11-8
737452-12-9	737452-13-0	737452-14-1	737452-15-2	737452-16-3
737452-17-4	737452-18-5	737452-19-6	737452-20-9	737452-21-0
737452-22-1	737452-23-2	737452-24-3	737452-25-4	737452-26-5
737452-27-6	737452-28-7	737452-29-8	737452-30-1	737452-31-2
737452-32-3	737452-33-4	737452-34-5	737452-35-6	737452-36-7
737452-37-8	737452-38-9	737452-39-0	737452-40-3	737452-41-4
737452-42-5	737452-43-6	737452-44-7	737452-45-8	737452-46-9
737452-47-0	737452-48-1	737452-49-2	737452-50-5	737452-51-6

737452-52-7	737452-53-8	737452-54-9	737452-55-0	737452-56-1
737452-57-2	737452-58-3	737452-59-4	737452-60-7	737452-61-8
737452-62-9	737452-63-0	737452-64-1	737452-65-2	737452-66-3
737452-67-4	737452-68-5	737452-69-6	737452-70-9	737452-71-0
737452-72-1	737452-73-2	737452-74-3	737452-75-4	737452-76-5
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737453-27-9	737453-28-0	737453-29-1	737453-30-4	737453-31-5
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737453-42-8	737453-43-9	737453-44-0	737453-45-1	737453-46-2
737453-47-3	737453-48-4	737453-49-5	737453-50-8	737453-51-9
737453-52-0	737453-53-1	737453-54-2	737453-55-3	737453-56-4
737453-57-5	737453-58-6	737453-59-7	737453-60-0	737453-61-1
737453-62-2	737453-63-3	737453-64-4	737453-65-5	737453-66-6
737453-67-7	737453-68-8	737453-69-9	737453-70-2	737453-71-3
737453-72-4	737453-73-5	737453-74-6	737453-75-7	737453-76-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

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	737454-17-0	737454-18-1	737454-19-2	737454-20-5	737454-21-6
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	737454-42-1	737454-43-2	737454-44-3	737454-45-4	737454-46-5
	737454-47-6	737454-48-7	737454-49-8	737454-50-1	737454-51-2
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

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	737458-43-4	737458-44-5	737458-45-6	737458-46-7	737458-47-8
	737458-48-9	737458-49-0	737458-50-3	737458-51-4	737458-52-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737458-53-6	737458-54-7	737458-55-8	737458-56-9	737458-57-0
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737458-58-1 737458-59-2 737458-60-5 737458-61-6 737458-62-7
737458-63-8 737458-64-9 737458-65-0 737458-66-1 737458-67-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 9005-53-2, Lignin, biological studies 11078-30-1, Galactomannan
RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737424-63-4 737445-45-3 737458-47-8
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

RN 737424-63-4 HCAPLUS

CN Protein (Oryza sativa clone PAT_MRT4530_96921C.1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 MDAEDIVDCL MWGIIFFFLL ACIGVALCFL ALTIATVVGL IRRRNDDANN
51 KYDMLIERLL LLRPKDDQDN EQCVICLSEN EDDVDGGGGE RGRGRMLPGC
101 AHAFHKDCVV KWLNRNRTTCP LCRSDVAVAA ADDIISTADN MV

RN 737445-45-3 HCAPLUS

CN Protein (Oryza sativa clone PAT_MRT4530_98809C.1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 VYRLSIGAAC GMTWPSDKLV IQVLDDSTDP AIREMVEGEC GRWAGKGVSI
51 RYENRRNRSG YKAGAMREGL RKAYARECEL VAIFDADFQP DADFLLRTPV
101 VLVADPGVAL VQARWRVNA DECLLTRIQE MSLDYHFRVE QEVGSACHGF
151 FGFNGTXGVW RVRAL EEAGX WKERTTVEDM DLAVRASLRG WRFVYVGHVG
201 VRNELPSTLR AYRYQQHRWS CGPANLFRKI FLEAXTARVS PWKKLHLLYD
251 FFFLRKLVAH LLTFSFYCVV IPACVLGSD HVRLPKYVAL YVPAAITLLN
301 AACTPRSCHL LIFWILFENV MSMHRTKATL IGLLEATRAN EWVVTDKRGN
351 ANPKHQPPAN TTTRPGRKTT TSSSRTSFFN NDVHVAEILL GACLLYCALY
401 DIAYGRDSFY IYLLQLSAAA FIVGFGYVGT

RN 737458-47-8 HCAPLUS

CN Protein (Oryza sativa clone PAT_MRT4530_99984C.1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 MSLLVVLF FF FLSPPLAAAA AYTEYSCNGT RGNFTEGSAF GLNLELLAAE
51 LPANASSSRS LFASAAVGAA AAPEDRVFGL ALCRGDMRDA AACAGCVSGA
101 FQRLRALCGR DRDATYYHDL CVVRYSGDDF LSRPDDNSPV INALDANAST
151 YYGWDGRNAT TRSFSLVVG TLFGEMAMYG SYNSSARRYA SAVMYVNPQL
201 PTVYGLAQCT PDLSPAQCWH CFQGLQEQRN QWYDGRQGG R ILGVRCNFRY
251 ESYQFYAGTP DVRIGLQDVA PSPTANNGTN HRKTLVIVLS VSITVFCFML
301 VGCLLLIKKL RKG DGRKSNR QLEAHSRNSS KTEEALKLWR TEESSTDFTL
351 YDFGLAAAT DNFS EDHRLG TGGFGPVYRA TVNV DENADD LGELSDGAEI
401 AVKRLAAQSG QGLKEFKNEI QLIAKLQHTN LVRLVGCCVQ EEEKMLVY EY
451 MPNRS LDFFI FDQE QGPLLD WKKRLHIIEG VVQGLLYLHK HSRVRIIHRD
501 LKASNILLDK DLNPKISDFG MARIFGSNMT EANTNRVVG T YGYMAPEYAS
551 EGIFSVKSDV FSFGVLLLEI VSGKRNSGHQ HYGEFVNLLG YAWQLWREER
601 GCELIDPTLG ECSGSEAAA I IRCVKVALLC VQDNATDRPT MTDVAAMLGS

651 DGVPLPDPLP PPHYQLRVSG DDYDDGGRGS PAGGGFRPSR WRFTDSCSTN
701 DVTITTIEEG R

L12 ANSWER 15 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:663854 HCAPLUS
DN 141:186009
ED Entered STN: 16 Aug 2004
TI Rice nucleic acid molecules and encoded proteins and their uses for plant improvement
IN La Rosa, Thomas J.; Kovalic, David K.; Zhou, Yihua; Cao, Yongwei; Wu, Wei; Boukharov, Andrey A.; Barbazuk, Brad W.
PA USA
SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 837,604.
CODEN: USXXCO
DT Patent
LA English
IC A01H001-00; C12N015-82; C07H021-04; C12N009-24; C12N005-04
INCL 800278000; 435069100; 435200000; 435201000; 435419000; 536023200
CC 3-3 (Biochemical Genetics)
Section cross-reference(s): 6, 11

FAN.CNT 27

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
PRAI	US 2000-197872P	P	20000419	<--	
	US 2001-837604	A2	20010418		
	US 2003-437963	A	20030514		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004123343	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24IC C12N005-04
	INCL	800278000; 435069100; 435200000; 435201000; 435419000; 536023200
US 2004123343	NCL	800/278.000 <--
US 2004123343	NCL	800/278.000
	ECLA	C07K014/415 <--

AB The present invention provides 102,483 cDNA sequences and their encoded protein sequences from rice (*Oryza sativa*). Bioinformatic anal. identified putative functions and uses for the nucleic acids/polypeptides. The disclosed polynucleotides and polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of forty-one records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.].

ST rice cDNA protein sequence plant transformation

IT Stress, plant

(cold, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Stress, plant

(heat, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Recombination, genetic

(homologous; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Fats and Glyceridic oils, biological studies

Growth regulators, plant

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Pathogen

(improved tolerance to; rice nucleic acid mols. and encoded proteins

and their uses for plant improvement)

IT Carbohydrates, biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved use and/or uptake of; rice nucleic acid mols. and encoded
 proteins and their uses for plant improvement)

IT Stress, plant
 (osmotic, tolerance to; rice nucleic acid mols. and encoded proteins
 and their uses for plant improvement)

IT Cell cycle
 Disease resistance, plant
 Growth and development, plant
 Herbicides
 Oryza sativa
 Photosynthesis, biological
 Protein sequences
 Transformation, genetic
 cDNA library
 cDNA sequences
 (rice nucleic acid mols. and encoded proteins and their uses for plant
 improvement)

IT Transcription factors
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (rice nucleic acid mols. and encoded proteins and their uses for plant
 improvement)

IT Proteins
 cDNA
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (rice nucleic acid mols. and encoded proteins and their uses for plant
 improvement)

IT Embryophyta
 (transgenic; rice nucleic acid mols. and encoded proteins and their
 uses for plant improvement)

IT 737359-28-3 737359-29-4 737359-30-7 737359-31-8 737359-32-9
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 737360-88-2 737360-89-3 737360-90-6 737360-91-7 737360-92-8

737360-93-9	737360-94-0	737360-95-1	737360-96-2	737360-97-3
737360-98-4	737360-99-5	737361-00-1	737361-01-2	737361-02-3
737361-03-4	737361-04-5	737361-05-6	737361-06-7	737361-07-8
737361-08-9	737361-09-0	737361-10-3	737361-11-4	737361-12-5
737361-13-6	737361-14-7	737361-15-8	737361-16-9	737361-17-0
737361-18-1	737361-19-2	737361-20-5	737361-21-6	737361-22-7
737361-23-8	737361-24-9	737361-25-0	737361-26-1	737361-27-2
737361-28-3	737361-29-4	737361-30-7	737361-31-8	737361-32-9
737361-33-0	737361-34-1	737361-35-2	737361-36-3	737361-37-4
737361-38-5	737361-39-6	737361-40-9	737361-41-0	737361-42-1
737361-43-2	737361-44-3	737361-45-4	737361-46-5	737361-47-6
737361-48-7	737361-49-8	737361-50-1	737361-51-2	737361-52-3
737361-53-4	737361-54-5	737361-55-6	737361-56-7	737361-57-8
737361-58-9	737361-59-0	737361-60-3	737361-61-4	737361-62-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737361-63-6	737361-64-7	737361-65-8	737361-66-9	737361-67-0
737361-68-1	737361-69-2	737361-70-5	737361-71-6	737361-72-7
737361-73-8	737361-74-9	737361-75-0	737361-76-1	737361-77-2
737361-78-3	737361-79-4	737361-80-7	737361-81-8	737361-82-9
737361-83-0	737361-84-1	737361-85-2	737361-86-3	737361-87-4
737361-88-5	737361-89-6	737361-90-9	737361-91-0	737361-92-1
737361-93-2	737361-94-3	737361-95-4	737361-96-5	737361-97-6
737361-98-7	737361-99-8	737362-00-4	737362-01-5	737362-02-6
737362-03-7	737362-04-8	737362-05-9	737362-06-0	737362-07-1
737362-08-2	737362-09-3	737362-10-6	737362-11-7	737362-12-8
737362-13-9	737362-14-0	737362-15-1	737362-16-2	737362-17-3
737362-18-4	737362-19-5	737362-20-8	737362-21-9	737362-22-0
737362-23-1	737362-24-2	737362-25-3	737362-26-4	737362-27-5
737362-28-6	737362-29-7	737362-30-0	737362-31-1	737362-32-2
737362-33-3	737362-34-4	737362-35-5	737362-36-6	737362-37-7
737362-38-8	737362-39-9	737362-40-2	737362-41-3	737362-42-4
737362-43-5	737362-44-6	737362-45-7	737362-46-8	737362-47-9
737362-48-0	737362-49-1	737362-50-4	737362-51-5	737362-52-6
737362-53-7	737362-54-8	737362-55-9	737362-56-0	737362-57-1
737362-58-2	737362-59-3	737362-60-6	737362-61-7	737362-62-8
737362-63-9	737362-64-0	737362-65-1	737362-66-2	737362-67-3
737362-68-4	737362-69-5	737362-70-8	737362-71-9	737362-72-0
737362-73-1	737362-74-2	737362-75-3	737362-76-4	737362-77-5
737362-78-6	737362-79-7	737362-80-0	737362-81-1	737362-82-2
737362-83-3	737362-84-4	737362-85-5	737362-86-6	737362-87-7
737362-88-8	737362-89-9	737362-90-2	737362-91-3	737362-92-4
737362-93-5	737362-94-6	737362-95-7	737362-96-8	737362-97-9
737362-98-0	737362-99-1	737363-00-7	737363-01-8	737363-02-9
737363-03-0	737363-04-1	737363-05-2	737363-06-3	737363-07-4
737363-08-5	737363-09-6	737363-10-9	737363-11-0	737363-12-1
737363-13-2	737363-14-3	737363-15-4	737363-16-5	737363-17-6
737363-18-7	737363-19-8	737363-20-1	737363-21-2	737363-22-3
737363-23-4	737363-24-5	737363-25-6	737363-26-7	737363-27-8
737363-28-9	737363-29-0	737363-30-3	737363-31-4	737363-32-5
737363-33-6	737363-34-7	737363-35-8	737363-36-9	737363-37-0
737363-38-1	737363-39-2	737363-40-5	737363-41-6	737363-42-7
737363-43-8	737363-44-9	737363-45-0	737363-46-1	737363-47-2
737363-48-3	737363-49-4	737363-50-7	737363-51-8	737363-52-9
737363-53-0	737363-54-1	737363-55-2	737363-56-3	737363-57-4
737363-58-5	737363-59-6	737363-60-9	737363-61-0	737363-62-1
737363-63-2	737363-64-3	737363-65-4	737363-66-5	737363-67-6
737363-68-7	737363-69-8	737363-70-1	737363-71-2	737363-72-3
737363-73-4	737363-74-5	737363-75-6	737363-76-7	737363-77-8
737363-78-9	737363-79-0	737363-80-3	737363-81-4	737363-82-5
737363-83-6	737363-84-7	737363-85-8	737363-86-9	737363-87-0
737363-88-1	737363-89-2	737363-90-5	737363-91-6	737363-92-7
737363-93-8	737363-94-9	737363-95-0	737363-96-1	737363-97-2

RL: BSU (Biological study, unclassified); BUU (Biological use,

unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and
their uses for plant improvement)

IT	737363-98-3	737363-99-4	737364-00-0	737364-01-1	737364-02-2
	737364-03-3	737364-04-4	737364-05-5	737364-06-6	737364-07-7
	737364-08-8	737364-09-9	737364-10-2	737364-11-3	737364-12-4
	737364-13-5	737364-14-6	737364-15-7	737364-16-8	737364-17-9
	737364-18-0	737364-19-1	737364-20-4	737364-21-5	737364-22-6
	737364-23-7	737364-24-8	737364-25-9	737364-26-0	737364-27-1
	737364-28-2	737364-29-3	737364-30-6	737364-31-7	737364-32-8
	737364-33-9	737364-34-0	737364-35-1	737364-36-2	737364-37-3
	737364-38-4	737364-39-5	737364-40-8	737364-41-9	737364-42-0
	737364-43-1	737364-44-2	737364-45-3	737364-46-4	737364-47-5
	737364-48-6	737364-49-7	737364-50-0	737364-51-1	737364-52-2
	737364-53-3	737364-54-4	737364-55-5	737364-56-6	737364-57-7
	737364-58-8	737364-59-9	737364-60-2	737364-61-3	737364-62-4
	737364-63-5	737364-64-6	737364-65-7	737364-66-8	737364-67-9
	737364-68-0	737364-69-1	737364-70-4	737364-71-5	737364-72-6
	737364-73-7	737364-74-8	737364-75-9	737364-76-0	737364-77-1
	737364-78-2	737364-79-3	737364-80-6	737364-81-7	737364-82-8
	737364-83-9	737364-84-0	737364-85-1	737364-86-2	737364-87-3
	737364-88-4	737364-89-5	737364-90-8	737364-91-9	737364-92-0
	737364-93-1	737364-94-2	737364-95-3	737364-96-4	737364-97-5
	737364-98-6	737364-99-7	737365-00-3	737365-01-4	737365-02-5
	737365-03-6	737365-04-7	737365-05-8	737365-06-9	737365-07-0
	737365-08-1	737365-09-2	737365-10-5	737365-11-6	737365-12-7
	737365-13-8	737365-14-9	737365-15-0	737365-16-1	737365-17-2
	737365-18-3	737365-19-4	737365-20-7	737365-21-8	737365-22-9
	737365-23-0	737365-24-1	737365-25-2	737365-26-3	737365-27-4
	737365-28-5	737365-29-6	737365-30-9	737365-31-0	737365-32-1
	737365-33-2	737365-34-3	737365-35-4	737365-36-5	737365-37-6
	737365-38-7	737365-39-8	737365-40-1	737365-41-2	737365-42-3
	737365-43-4	737365-44-5	737365-45-6	737365-46-7	737365-47-8
	737365-48-9	737365-49-0	737365-50-3	737365-51-4	737365-52-5
	737365-53-6	737365-54-7	737365-55-8	737365-56-9	737365-57-0
	737365-58-1	737365-59-2	737365-60-5	737365-61-6	737365-62-7
	737365-63-8	737365-64-9	737365-65-0	737365-66-1	737365-67-2
	737365-68-3	737365-69-4	737365-70-7	737365-71-8	737365-72-9
	737365-73-0	737365-74-1	737365-75-2	737365-76-3	737365-77-4
	737365-78-5	737365-79-6	737365-80-9	737365-81-0	737365-82-1
	737365-83-2	737365-84-3	737365-85-4	737365-86-5	737365-87-6
	737365-88-7	737365-89-8	737365-90-1	737365-91-2	737365-92-3
	737365-93-4	737365-94-5	737365-95-6	737365-96-7	737365-97-8
	737365-98-9	737365-99-0	737366-00-6	737366-01-7	737366-02-8
	737366-03-9	737366-04-0	737366-05-1	737366-06-2	737366-07-3
	737366-08-4	737366-09-5	737366-10-8	737366-11-9	737366-12-0
	737366-13-1	737366-14-2	737366-15-3	737366-16-4	737366-17-5
	737366-18-6	737366-19-7	737366-20-0	737366-21-1	737366-22-2
	737366-23-3	737366-24-4	737366-25-5	737366-26-6	737366-27-7
	737366-28-8	737366-29-9	737366-30-2	737366-31-3	737366-32-4

RL: BSU (Biological study, unclassified); BUU (Biological use,
unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and
their uses for plant improvement)

IT	737366-33-5	737366-34-6	737366-35-7	737366-36-8	737366-37-9
	737366-38-0	737366-39-1	737366-40-4	737366-41-5	737366-42-6
	737366-43-7	737366-44-8	737366-45-9	737366-46-0	737366-47-1
	737366-48-2	737366-49-3	737366-50-6	737366-51-7	737366-52-8
	737366-53-9	737366-54-0	737366-55-1	737366-56-2	737366-57-3
	737366-58-4	737366-59-5	737366-60-8	737366-61-9	737366-62-0
	737366-63-1	737366-64-2	737366-65-3	737366-66-4	737366-67-5
	737366-68-6	737366-69-7	737366-70-0	737366-71-1	737366-72-2
	737366-73-3	737366-74-4	737366-75-5	737366-76-6	737366-77-7
	737366-78-8	737366-79-9	737366-80-2	737366-81-3	737366-82-4
	737366-83-5	737366-84-6	737366-85-7	737366-86-8	737366-87-9
	737366-88-0	737366-89-1	737366-90-4	737366-91-5	737366-92-6

737366-93-7	737366-94-8	737366-95-9	737366-96-0	737366-97-1
737366-98-2	737366-99-3	737367-00-9	737367-01-0	737367-02-1
737367-03-2	737367-04-3	737367-05-4	737367-06-5	737367-07-6
737367-08-7	737367-09-8	737367-10-1	737367-11-2	737367-12-3
737367-13-4	737367-14-5	737367-15-6	737367-16-7	737367-17-8
737367-18-9	737367-19-0	737367-20-3	737367-21-4	737367-22-5
737367-23-6	737367-24-7	737367-25-8	737367-26-9	737367-27-0
737367-28-1	737367-29-2	737367-30-5	737367-31-6	737367-32-7
737367-33-8	737367-34-9	737367-35-0	737367-36-1	737367-37-2
737367-38-3	737367-39-4	737367-40-7	737367-41-8	737367-42-9
737367-43-0	737367-44-1	737367-45-2	737367-46-3	737367-47-4
737367-48-5	737367-49-6	737367-50-9	737367-51-0	737367-52-1
737367-53-2	737367-54-3	737367-55-4	737367-56-5	737367-57-6
737367-58-7	737367-59-8	737367-60-1	737367-61-2	737367-62-3
737367-63-4	737367-64-5	737367-65-6	737367-66-7	737367-67-8
737367-68-9	737367-69-0	737367-70-3	737367-71-4	737367-72-5
737367-73-6	737367-74-7	737367-75-8	737367-76-9	737367-77-0
737367-78-1	737367-79-2	737367-80-5	737367-81-6	737367-82-7
737367-83-8	737367-84-9	737367-85-0	737367-86-1	737367-87-2
737367-88-3	737367-89-4	737367-90-7	737367-91-8	737367-92-9
737367-93-0	737367-94-1	737367-95-2	737367-96-3	737367-97-4
737367-98-5	737367-99-6	737368-00-2	737368-01-3	737368-02-4
737368-03-5	737368-04-6	737368-05-7	737368-06-8	737368-07-9
737368-08-0	737368-09-1	737368-10-4	737368-11-5	737368-12-6
737368-13-7	737368-14-8	737368-15-9	737368-16-0	737368-17-1
737368-18-2	737368-19-3	737368-20-6	737368-21-7	737368-22-8
737368-23-9	737368-24-0	737368-25-1	737368-26-2	737368-27-3
737368-28-4	737368-29-5	737368-30-8	737368-31-9	737368-32-0
737368-33-1	737368-34-2	737368-35-3	737368-36-4	737368-37-5
737368-38-6	737368-39-7	737368-40-0	737368-41-1	737368-42-2
737368-43-3	737368-44-4	737368-45-5	737368-46-6	737368-47-7
737368-48-8	737368-49-9	737368-50-2	737368-51-3	737368-52-4
737368-53-5	737368-54-6	737368-55-7	737368-56-8	737368-57-9
737368-58-0	737368-59-1	737368-60-4	737368-61-5	737368-62-6
737368-63-7	737368-64-8	737368-65-9	737368-66-0	737368-67-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737368-68-2	737368-69-3	737368-70-6	737368-71-7	737368-72-8
	737368-73-9	737368-74-0	737368-75-1	737368-76-2	737368-77-3
	737368-78-4	737368-79-5	737368-80-8	737368-81-9	737368-82-0
	737368-83-1	737368-84-2	737368-85-3	737368-86-4	737368-87-5
	737368-88-6	737368-89-7	737368-90-0	737368-91-1	737368-92-2
	737368-93-3	737368-94-4	737368-95-5	737368-96-6	737368-97-7
	737368-98-8	737368-99-9	737369-00-5	737369-01-6	737369-02-7
	737369-03-8	737369-04-9	737369-05-0	737369-06-1	737369-07-2
	737369-08-3	737369-09-4	737369-10-7	737369-11-8	737369-12-9
	737369-13-0	737369-14-1	737369-15-2	737369-16-3	737369-17-4
	737369-18-5	737369-19-6	737369-20-9	737369-21-0	737369-22-1
	737369-23-2	737369-24-3	737369-25-4	737369-26-5	737369-27-6
	737369-28-7	737369-29-8	737369-30-1	737369-31-2	737369-32-3
	737369-33-4	737369-34-5	737369-35-6	737369-36-7	737369-37-8
	737369-38-9	737369-39-0	737369-40-3	737369-41-4	737369-42-5
	737369-43-6	737369-44-7	737369-45-8	737369-46-9	737369-47-0
	737369-48-1	737369-49-2	737369-50-5	737369-51-6	737369-52-7
	737369-53-8	737369-54-9	737369-55-0	737369-56-1	737369-57-2
	737369-58-3	737369-59-4	737369-60-7	737369-61-8	737369-62-9
	737369-63-0	737369-64-1	737369-65-2	737369-66-3	737369-67-4
	737369-68-5	737369-69-6	737369-70-9	737369-71-0	737369-72-1
	737369-73-2	737369-74-3	737369-75-4	737369-76-5	737369-77-6
	737369-78-7	737369-79-8	737369-80-1	737369-81-2	737369-82-3
	737369-83-4	737369-84-5	737369-85-6	737369-86-7	737369-87-8
	737369-88-9	737369-89-0	737369-90-3	737369-91-4	737369-92-5
	737369-93-6	737369-94-7	737369-95-8	737369-96-9	737369-97-0
	737369-98-1	737369-99-2	737370-00-2	737370-01-3	737370-02-4

737370-03-5	737370-04-6	737370-05-7	737370-06-8	737370-07-9
737370-08-0	737370-09-1	737370-10-4	737370-11-5	737370-12-6
737370-13-7	737370-14-8	737370-15-9	737370-16-0	737370-17-1
737370-18-2	737370-19-3	737370-20-6	737370-21-7	737370-22-8
737370-23-9	737370-24-0	737370-25-1	737370-26-2	737370-27-3
737370-28-4	737370-29-5	737370-30-8	737370-31-9	737370-32-0
737370-33-1	737370-34-2	737370-35-3	737370-36-4	737370-37-5
737370-38-6	737370-39-7	737370-40-0	737370-41-1	737370-42-2
737370-43-3	737370-44-4	737370-45-5	737370-46-6	737370-47-7
737370-48-8	737370-49-9	737370-50-2	737370-51-3	737370-52-4
737370-53-5	737370-54-6	737370-55-7	737370-56-8	737370-57-9
737370-58-0	737370-59-1	737370-60-4	737370-61-5	737370-62-6
737370-63-7	737370-64-8	737370-65-9	737370-66-0	737370-67-1
737370-68-2	737370-69-3	737370-70-6	737370-71-7	737370-72-8
737370-73-9	737370-74-0	737370-75-1	737370-76-2	737370-77-3
737370-78-4	737370-79-5	737370-80-8	737370-81-9	737370-82-0
737370-83-1	737370-84-2	737370-85-3	737370-86-4	737370-87-5
737370-88-6	737370-89-7	737370-90-0	737370-91-1	737370-92-2
737370-93-3	737370-94-4	737370-95-5	737370-96-6	737370-97-7
737370-98-8	737370-99-9	737371-00-5	737371-01-6	737371-02-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737371-03-8	737371-04-9	737371-05-0	737371-06-1	737371-07-2
737371-08-3	737371-09-4	737371-10-7	737371-11-8	737371-12-9
737371-13-0	737371-14-1	737371-15-2	737371-16-3	737371-17-4
737371-18-5	737371-19-6	737371-20-9	737371-21-0	737371-22-1
737371-23-2	737371-24-3	737371-25-4	737371-26-5	737371-27-6
737371-28-7	737371-29-8	737371-30-1	737371-31-2	737371-32-3
737371-33-4	737371-34-5	737371-35-6	737371-36-7	737371-37-8
737371-38-9	737371-39-0	737371-40-3	737371-41-4	737371-42-5
737371-43-6	737371-44-7	737371-45-8	737371-46-9	737371-47-0
737371-48-1	737371-49-2	737371-50-5	737371-51-6	737371-52-7
737371-53-8	737371-54-9	737371-55-0	737371-56-1	737371-57-2
737371-58-3	737371-59-4	737371-60-7	737371-61-8	737371-62-9
737371-63-0	737371-64-1	737371-65-2	737371-66-3	737371-67-4
737371-68-5	737371-69-6	737371-70-9	737371-71-0	737371-72-1
737371-73-2	737371-74-3	737371-75-4	737371-76-5	737371-77-6
737371-78-7	737371-79-8	737371-80-1	737371-81-2	737371-82-3
737371-83-4	737371-84-5	737371-85-6	737371-86-7	737371-87-8
737371-88-9	737371-89-0	737371-90-3	737371-91-4	737371-92-5
737371-93-6	737371-94-7	737371-95-8	737371-96-9	737371-97-0
737371-98-1	737371-99-2	737372-00-8	737372-01-9	737372-02-0
737372-03-1	737372-04-2	737372-05-3	737372-06-4	737372-07-5
737372-08-6	737372-09-7	737372-10-0	737372-11-1	737372-12-2
737372-13-3	737372-14-4	737372-15-5	737372-16-6	737372-17-7
737372-18-8	737372-19-9	737372-20-2	737372-21-3	737372-22-4
737372-23-5	737372-24-6	737372-25-7	737372-26-8	737372-27-9
737372-28-0	737372-29-1	737372-30-4	737372-31-5	737372-32-6
737372-33-7	737372-34-8	737372-35-9	737372-36-0	737372-37-1
737372-38-2	737372-39-3	737372-40-6	737372-41-7	737372-42-8
737372-43-9	737372-44-0	737372-45-1	737372-46-2	737372-47-3
737372-48-4	737372-49-5	737372-50-8	737372-51-9	737372-52-0
737372-53-1	737372-54-2	737372-55-3	737372-56-4	737372-57-5
737372-58-6	737372-59-7	737372-60-0	737372-61-1	737372-62-2
737372-63-3	737372-64-4	737372-65-5	737372-66-6	737372-67-7
737372-68-8	737372-69-9	737372-70-2	737372-71-3	737372-72-4
737372-73-5	737372-74-6	737372-75-7	737372-76-8	737372-77-9
737372-78-0	737372-79-1	737372-80-4	737372-81-5	737372-82-6
737372-83-7	737372-84-8	737372-85-9	737372-86-0	737372-87-1
737372-88-2	737372-89-3	737372-90-6	737372-91-7	737372-92-8
737372-93-9	737372-94-0	737372-95-1	737372-96-2	737372-97-3
737372-98-4	737372-99-5	737373-00-1	737373-01-2	737373-02-3
737373-03-4	737373-04-5	737373-05-6	737373-06-7	737373-07-8
737373-08-9	737373-09-0	737373-10-3	737373-11-4	737373-12-5

737373-13-6	737373-14-7	737373-15-8	737373-16-9	737373-17-0
737373-18-1	737373-19-2	737373-20-5	737373-21-6	737373-22-7
737373-23-8	737373-24-9	737373-25-0	737373-26-1	737373-27-2
737373-28-3	737373-29-4	737373-30-7	737373-31-8	737373-32-9
737373-33-0	737373-34-1	737373-35-2	737373-36-3	737373-37-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737373-38-5	737373-39-6	737373-40-9	737373-41-0	737373-42-1
	737373-43-2	737373-44-3	737373-45-4	737373-46-5	737373-47-6
	737373-48-7	737373-49-8	737373-50-1	737373-51-2	737373-52-3
	737373-53-4	737373-54-5	737373-55-6	737373-56-7	737373-57-8
	737373-58-9	737373-59-0	737373-60-3	737373-61-4	737373-62-5
	737373-63-6	737373-64-7	737373-65-8	737373-66-9	737373-67-0
	737373-68-1	737373-69-2	737373-70-5	737373-71-6	737373-72-7
	737373-73-8	737373-74-9	737373-75-0	737373-76-1	737373-77-2
	737373-78-3	737373-79-4	737373-80-7	737373-81-8	737373-82-9
	737373-83-0	737373-84-1	737373-85-2	737373-86-3	737373-87-4
	737373-88-5	737373-89-6	737373-90-9	737373-91-0	737373-92-1
	737373-93-2	737373-94-3	737373-95-4	737373-96-5	737373-97-6
	737373-98-7	737373-99-8	737374-00-4	737374-01-5	737374-02-6
	737374-03-7	737374-04-8	737374-05-9	737374-06-0	737374-07-1
	737374-08-2	737374-09-3	737374-10-6	737374-11-7	737374-12-8
	737374-13-9	737374-14-0	737374-15-1	737374-16-2	737374-17-3
	737374-18-4	737374-19-5	737374-20-8	737374-21-9	737374-22-0
	737374-23-1	737374-24-2	737374-25-3	737374-26-4	737374-27-5
	737374-28-6	737374-29-7	737374-30-0	737374-31-1	737374-32-2
	737374-33-3	737374-34-4	737374-35-5	737374-36-6	737374-37-7
	737374-38-8	737374-39-9	737374-40-2	737374-41-3	737374-42-4
	737374-43-5	737374-44-6	737374-45-7	737374-46-8	737374-47-9
	737374-48-0	737374-49-1	737374-50-4	737374-51-5	737374-52-6
	737374-53-7	737374-54-8	737374-55-9	737374-56-0	737374-57-1
	737374-58-2	737374-59-3	737374-60-6	737374-61-7	737374-62-8
	737374-63-9	737374-64-0	737374-65-1	737374-66-2	737374-67-3
	737374-68-4	737374-69-5	737374-70-8	737374-71-9	737374-72-0
	737374-73-1	737374-74-2	737374-75-3	737374-76-4	737374-77-5
	737374-78-6	737374-79-7	737374-80-0	737374-81-1	737374-82-2
	737374-83-3	737374-84-4	737374-85-5	737374-86-6	737374-87-7
	737374-88-8	737374-89-9	737374-90-2	737374-91-3	737374-92-4
	737374-93-5	737374-94-6	737374-95-7	737374-96-8	737374-97-9
	737374-98-0	737374-99-1	737375-00-7	737375-01-8	737375-02-9
	737375-03-0	737375-04-1	737375-05-2	737375-06-3	737375-07-4
	737375-08-5	737375-09-6	737375-10-9	737375-11-0	737375-12-1
	737375-13-2	737375-14-3	737375-15-4	737375-16-5	737375-17-6
	737375-18-7	737375-19-8	737375-20-1	737375-21-2	737375-22-3
	737375-23-4	737375-24-5	737375-25-6	737375-26-7	737375-27-8
	737375-28-9	737375-29-0	737375-30-3	737375-31-4	737375-32-5
	737375-33-6	737375-34-7	737375-35-8	737375-36-9	737375-37-0
	737375-38-1	737375-39-2	737375-40-5	737375-41-6	737375-42-7
	737375-43-8	737375-44-9	737375-45-0	737375-46-1	737375-47-2
	737375-48-3	737375-49-4	737375-50-7	737375-51-8	737375-52-9
	737375-53-0	737375-54-1	737375-55-2	737375-56-3	737375-57-4
	737375-58-5	737375-59-6	737375-60-9	737375-61-0	737375-62-1
	737375-63-2	737375-64-3	737375-65-4	737375-66-5	737375-67-6
	737375-68-7	737375-69-8	737375-70-1	737375-71-2	737375-72-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737375-73-4	737375-74-5	737375-75-6	737375-76-7	737375-77-8
	737375-78-9	737375-79-0	737375-80-3	737375-81-4	737375-82-5
	737375-83-6	737375-84-7	737375-85-8	737375-86-9	737375-87-0
	737375-88-1	737375-89-2	737375-90-5	737375-91-6	737375-92-7
	737375-93-8	737375-94-9	737375-95-0	737375-96-1	737375-97-2
	737375-98-3	737375-99-4	737376-00-0	737376-01-1	737376-02-2

737376-03-3	737376-04-4	737376-05-5	737376-06-6	737376-07-7
737376-08-8	737376-09-9	737376-10-2	737376-11-3	737376-12-4
737376-13-5	737376-14-6	737376-15-7	737376-16-8	737376-17-9
737376-18-0	737376-19-1	737376-20-4	737376-21-5	737376-22-6
737376-23-7	737376-24-8	737376-25-9	737376-26-0	737376-27-1
737376-28-2	737376-29-3	737376-30-6	737376-31-7	737376-32-8
737376-33-9	737376-34-0	737376-35-1	737376-36-2	737376-37-3
737376-38-4	737376-39-5	737376-40-8	737376-41-9	737376-42-0
737376-43-1	737376-44-2	737376-45-3	737376-46-4	737376-47-5
737376-48-6	737376-49-7	737376-50-0	737376-51-1	737376-52-2
737376-53-3	737376-54-4	737376-55-5	737376-56-6	737376-57-7
737376-58-8	737376-59-9	737376-60-2	737376-61-3	737376-62-4
737376-63-5	737376-64-6	737376-65-7	737376-66-8	737376-67-9
737376-68-0	737376-69-1	737376-70-4	737376-71-5	737376-72-6
737376-73-7	737376-74-8	737376-75-9	737376-76-0	737376-77-1
737376-78-2	737376-79-3	737376-80-6	737376-81-7	737376-82-8
737376-83-9	737376-84-0	737376-85-1	737376-86-2	737376-87-3
737376-88-4	737376-89-5	737376-90-8	737376-91-9	737376-92-0
737376-93-1	737376-94-2	737376-95-3	737376-96-4	737376-97-5
737376-98-6	737376-99-7	737377-00-3	737377-01-4	737377-02-5
737377-03-6	737377-04-7	737377-05-8	737377-06-9	737377-07-0
737377-08-1	737377-09-2	737377-10-5	737377-11-6	737377-12-7
737377-13-8	737377-14-9	737377-15-0	737377-16-1	737377-17-2
737377-18-3	737377-19-4	737377-20-7	737377-21-8	737377-22-9
737377-23-0	737377-24-1	737377-25-2	737377-26-3	737377-27-4
737377-28-5	737377-29-6	737377-30-9	737377-31-0	737377-32-1
737377-33-2	737377-34-3	737377-35-4	737377-36-5	737377-37-6
737377-38-7	737377-39-8	737377-40-1	737377-41-2	737377-42-3
737377-43-4	737377-44-5	737377-45-6	737377-46-7	737377-47-8
737377-48-9	737377-49-0	737377-50-3	737377-51-4	737377-52-5
737377-53-6	737377-54-7	737377-55-8	737377-56-9	737377-57-0
737377-58-1	737377-59-2	737377-60-5	737377-61-6	737377-62-7
737377-63-8	737377-64-9	737377-65-0	737377-66-1	737377-67-2
737377-68-3	737377-69-4	737377-70-7	737377-71-8	737377-72-9
737377-73-0	737377-74-1	737377-75-2	737377-76-3	737377-77-4
737377-78-5	737377-79-6	737377-80-9	737377-81-0	737377-82-1
737377-83-2	737377-84-3	737377-85-4	737377-86-5	737377-87-6
737377-88-7	737377-89-8	737377-90-1	737377-91-2	737377-92-3
737377-93-4	737377-94-5	737377-95-6	737377-96-7	737377-97-8
737377-98-9	737377-99-0	737378-00-6	737378-01-7	737378-02-8
737378-03-9	737378-04-0	737378-05-1	737378-06-2	737378-07-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737378-08-4	737378-09-5	737378-10-8	737378-11-9	737378-12-0
737378-13-1	737378-14-2	737378-15-3	737378-16-4	737378-17-5
737378-18-6	737378-19-7	737378-20-0	737378-21-1	737378-22-2
737378-23-3	737378-24-4	737378-25-5	737378-26-6	737378-27-7
737378-28-8	737378-29-9	737378-30-2	737378-31-3	737378-32-4
737378-33-5	737378-34-6	737378-35-7	737378-36-8	737378-37-9
737378-38-0	737378-39-1	737378-40-4	737378-41-5	737378-42-6
737378-43-7	737378-44-8	737378-45-9	737378-46-0	737378-47-1
737378-48-2	737378-49-3	737378-50-6	737378-51-7	737378-52-8
737378-53-9	737378-54-0	737378-55-1	737378-56-2	737378-57-3
737378-58-4	737378-59-5	737378-60-8	737378-61-9	737378-62-0
737378-63-1	737378-64-2	737378-65-3	737378-66-4	737378-67-5
737378-68-6	737378-69-7	737378-70-0	737378-71-1	737378-72-2
737378-73-3	737378-74-4	737378-75-5	737378-76-6	737378-77-7
737378-78-8	737378-79-9	737378-80-2	737378-81-3	737378-82-4
737378-83-5	737378-84-6	737378-85-7	737378-86-8	737378-87-9
737378-88-0	737378-89-1	737378-90-4	737378-91-5	737378-92-6
737378-93-7	737378-94-8	737378-95-9	737378-96-0	737378-97-1
737378-98-2	737378-99-3	737379-00-9	737379-01-0	737379-02-1
737379-03-2	737379-04-3	737379-05-4	737379-06-5	737379-07-6
737379-08-7	737379-09-8	737379-10-1	737379-11-2	737379-12-3

737379-13-4	737379-14-5	737379-15-6	737379-16-7	737379-17-8
737379-18-9	737379-19-0	737379-20-3	737379-21-4	737379-22-5
737379-23-6	737379-24-7	737379-25-8	737379-26-9	737379-27-0
737379-28-1	737379-29-2	737379-30-5	737379-31-6	737379-32-7
737379-33-8	737379-34-9	737379-35-0	737379-36-1	737379-37-2
737379-38-3	737379-39-4	737379-40-7	737379-41-8	737379-42-9
737379-43-0	737379-44-1	737379-45-2	737379-46-3	737379-47-4
737379-48-5	737379-49-6	737379-50-9	737379-51-0	737379-52-1
737379-53-2	737379-54-3	737379-55-4	737379-56-5	737379-57-6
737379-58-7	737379-59-8	737379-60-1	737379-61-2	737379-62-3
737379-63-4	737379-64-5	737379-65-6	737379-66-7	737379-67-8
737379-68-9	737379-69-0	737379-70-3	737379-71-4	737379-72-5
737379-73-6	737379-74-7	737379-75-8	737379-76-9	737379-77-0
737379-78-1	737379-79-2	737379-80-5	737379-81-6	737379-82-7
737379-83-8	737379-84-9	737379-85-0	737379-86-1	737379-87-2
737379-88-3	737379-89-4	737379-90-7	737379-91-8	737379-92-9
737379-93-0	737379-94-1	737379-95-2	737379-96-3	737379-97-4
737379-98-5	737379-99-6	737380-00-6	737380-01-7	737380-02-8
737380-03-9	737380-04-0	737380-05-1	737380-06-2	737380-07-3
737380-08-4	737380-09-5	737380-10-8	737380-11-9	737380-12-0
737380-13-1	737380-14-2	737380-15-3	737380-16-4	737380-17-5
737380-18-6	737380-19-7	737380-20-0	737380-21-1	737380-22-2
737380-23-3	737380-24-4	737380-25-5	737380-26-6	737380-27-7
737380-28-8	737380-29-9	737380-30-2	737380-31-3	737380-32-4
737380-33-5	737380-34-6	737380-35-7	737380-36-8	737380-37-9
737380-38-0	737380-39-1	737380-40-4	737380-41-5	737380-42-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737380-43-7	737380-44-8	737380-45-9	737380-46-0	737380-47-1
	737380-48-2	737380-49-3	737380-50-6	737380-51-7	737380-52-8
	737380-53-9	737380-54-0	737380-55-1	737380-56-2	737380-57-3
	737380-58-4	737380-59-5	737380-60-8	737380-61-9	737380-62-0
	737380-63-1	737380-64-2	737380-65-3	737380-66-4	737380-67-5
	737380-68-6	737380-69-7	737380-70-0	737380-71-1	737380-72-2
	737380-73-3	737380-74-4	737380-75-5	737380-76-6	737380-77-7
	737380-78-8	737380-79-9	737380-80-2	737380-81-3	737380-82-4
	737380-83-5	737380-84-6	737380-85-7	737380-86-8	737380-87-9
	737380-88-0	737380-89-1	737380-90-4	737380-91-5	737380-92-6
	737380-93-7	737380-94-8	737380-95-9	737380-96-0	737380-97-1
	737380-98-2	737380-99-3	737381-00-9	737381-01-0	737381-02-1
	737381-03-2	737381-04-3	737381-05-4	737381-06-5	737381-07-6
	737381-08-7	737381-09-8	737381-10-1	737381-11-2	737381-12-3
	737381-13-4	737381-14-5	737381-15-6	737381-16-7	737381-17-8
	737381-18-9	737381-19-0	737381-20-3	737381-21-4	737381-22-5
	737381-23-6	737381-24-7	737381-25-8	737381-26-9	737381-27-0
	737381-28-1	737381-29-2	737381-30-5	737381-31-6	737381-32-7
	737381-33-8	737381-34-9	737381-35-0	737381-36-1	737381-37-2
	737381-38-3	737381-39-4	737381-40-7	737381-41-8	737381-42-9
	737381-43-0	737381-44-1	737381-45-2	737381-46-3	737381-47-4
	737381-48-5	737381-49-6	737381-50-9	737381-51-0	737381-52-1
	737381-53-2	737381-54-3	737381-55-4	737381-56-5	737381-57-6
	737381-58-7	737381-59-8	737381-60-1	737381-61-2	737381-62-3
	737381-63-4	737381-64-5	737381-65-6	737381-66-7	737381-67-8
	737381-68-9	737381-69-0	737381-70-3	737381-71-4	737381-72-5
	737381-73-6	737381-74-7	737381-75-8	737381-76-9	737381-77-0
	737381-78-1	737381-79-2	737381-80-5	737381-81-6	737381-82-7
	737381-83-8	737381-84-9	737381-85-0	737381-86-1	737381-87-2
	737381-88-3	737381-89-4	737381-90-7	737381-91-8	737381-92-9
	737381-93-0	737381-94-1	737381-95-2	737381-96-3	737381-97-4
	737381-98-5	737381-99-6	737382-00-2	737382-01-3	737382-02-4
	737382-03-5	737382-04-6	737382-05-7	737382-06-8	737382-07-9
	737382-08-0	737382-09-1	737382-10-4	737382-11-5	737382-12-6
	737382-13-7	737382-14-8	737382-15-9	737382-16-0	737382-17-1
	737382-18-2	737382-19-3	737382-20-6	737382-21-7	737382-22-8

737382-23-9	737382-24-0	737382-25-1	737382-26-2	737382-27-3
737382-28-4	737382-29-5	737382-30-8	737382-31-9	737382-32-0
737382-33-1	737382-34-2	737382-35-3	737382-36-4	737382-37-5
737382-38-6	737382-39-7	737382-40-0	737382-41-1	737382-42-2
737382-43-3	737382-44-4	737382-45-5	737382-46-6	737382-47-7
737382-48-8	737382-49-9	737382-50-2	737382-51-3	737382-52-4
737382-53-5	737382-54-6	737382-55-7	737382-56-8	737382-57-9
737382-58-0	737382-59-1	737382-60-4	737382-61-5	737382-62-6
737382-63-7	737382-64-8	737382-65-9	737382-66-0	737382-67-1
737382-68-2	737382-69-3	737382-70-6	737382-71-7	737382-72-8
737382-73-9	737382-74-0	737382-75-1	737382-76-2	737382-77-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737382-78-4	737382-79-5	737382-80-8	737382-81-9	737382-82-0
	737382-83-1	737382-84-2	737382-85-3	737382-86-4	737382-87-5
	737382-88-6	737382-89-7	737382-90-0	737382-91-1	737382-92-2
	737382-93-3	737382-94-4	737382-95-5	737382-96-6	737382-97-7
	737382-98-8	737382-99-9	737383-00-5	737383-01-6	737383-02-7
	737383-03-8	737383-04-9	737383-05-0	737383-06-1	737383-07-2
	737383-08-3	737383-09-4	737383-10-7	737383-11-8	737383-12-9
	737383-13-0	737383-14-1	737383-15-2	737383-16-3	737383-17-4
	737383-18-5	737383-19-6	737383-20-9	737383-21-0	737383-22-1
	737383-23-2	737383-24-3	737383-25-4	737383-26-5	737383-27-6
	737383-28-7	737383-29-8	737383-30-1	737383-31-2	737383-32-3
	737383-33-4	737383-34-5	737383-35-6	737383-36-7	737383-37-8
	737383-38-9	737383-39-0	737383-40-3	737383-41-4	737383-42-5
	737383-43-6	737383-44-7	737383-45-8	737383-46-9	737383-47-0
	737383-48-1	737383-49-2	737383-50-5	737383-51-6	737383-52-7
	737383-53-8	737383-54-9	737383-55-0	737383-56-1	737383-57-2
	737383-58-3	737383-59-4	737383-60-7	737383-61-8	737383-62-9
	737383-63-0	737383-64-1	737383-65-2	737383-66-3	737383-67-4
	737383-68-5	737383-69-6	737383-70-9	737383-71-0	737383-72-1
	737383-73-2	737383-74-3	737383-75-4	737383-76-5	737383-77-6
	737383-78-7	737383-79-8	737383-80-1	737383-81-2	737383-82-3
	737383-83-4	737383-84-5	737383-85-6	737383-86-7	737383-87-8
	737383-88-9	737383-89-0	737383-90-3	737383-91-4	737383-92-5
	737383-93-6	737383-94-7	737383-95-8	737383-96-9	737383-97-0
	737383-98-1	737383-99-2	737384-00-8	737384-01-9	737384-02-0
	737384-03-1	737384-04-2	737384-05-3	737384-06-4	737384-07-5
	737384-08-6	737384-09-7	737384-10-0	737384-11-1	737384-12-2
	737384-13-3	737384-14-4	737384-15-5	737384-16-6	737384-17-7
	737384-18-8	737384-19-9	737384-20-2	737384-21-3	737384-22-4
	737384-23-5	737384-24-6	737384-25-7	737384-26-8	737384-27-9
	737384-28-0	737384-29-1	737384-30-4	737384-31-5	737384-32-6
	737384-33-7	737384-34-8	737384-35-9	737384-36-0	737384-37-1
	737384-38-2	737384-39-3	737384-40-6	737384-41-7	737384-42-8
	737384-43-9	737384-44-0	737384-45-1	737384-46-2	737384-47-3
	737384-48-4	737384-49-5	737384-50-8	737384-51-9	737384-52-0
	737384-53-1	737384-54-2	737384-55-3	737384-56-4	737384-57-5
	737384-58-6	737384-59-7	737384-60-0	737384-61-1	737384-62-2
	737384-63-3	737384-64-4	737384-65-5	737384-66-6	737384-67-7
	737384-68-8	737384-69-9	737384-70-2	737384-71-3	737384-72-4
	737384-73-5	737384-74-6	737384-75-7	737384-76-8	737384-77-9
	737384-78-0	737384-79-1	737384-80-4	737384-81-5	737384-82-6
	737384-83-7	737384-84-8	737384-85-9	737384-86-0	737384-87-1
	737384-88-2	737384-89-3	737384-90-6	737384-91-7	737384-92-8
	737384-93-9	737384-94-0	737384-95-1	737384-96-2	737384-97-3
	737384-98-4	737384-99-5	737385-00-1	737385-01-2	737385-02-3
	737385-03-4	737385-04-5	737385-05-6	737385-06-7	737385-07-8
	737385-08-9	737385-09-0	737385-10-3	737385-11-4	737385-12-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737385-13-6	737385-14-7	737385-15-8	737385-16-9	737385-17-0
	737385-18-1	737385-19-2	737385-20-5	737385-21-6	737385-22-7
	737385-23-8	737385-24-9	737385-25-0	737385-26-1	737385-27-2
	737385-28-3	737385-29-4	737385-30-7	737385-31-8	737385-32-9
	737385-33-0	737385-34-1	737385-35-2	737385-36-3	737385-37-4
	737385-38-5	737385-39-6	737385-40-9	737385-41-0	737385-42-1
	737385-43-2	737385-44-3	737385-45-4	737385-46-5	737385-47-6
	737385-48-7	737385-49-8	737385-50-1	737385-51-2	737385-52-3
	737385-53-4	737385-54-5	737385-55-6	737385-56-7	737385-57-8
	737385-58-9	737385-59-0	737385-60-3	737385-61-4	737385-62-5
	737385-63-6	737385-64-7	737385-65-8	737385-66-9	737385-67-0
	737385-68-1	737385-69-2	737385-70-5	737385-71-6	737385-72-7
	737385-73-8	737385-74-9	737385-75-0	737385-76-1	737385-77-2
	737385-78-3	737385-79-4	737385-80-7	737385-81-8	737385-82-9
	737385-83-0	737385-84-1	737385-85-2	737385-86-3	737385-87-4
	737385-88-5	737385-89-6	737385-90-9	737385-91-0	737385-92-1
	737385-93-2	737385-94-3	737385-95-4	737385-96-5	737385-97-6
	737385-98-7	737385-99-8	737386-00-4	737386-01-5	737386-02-6
	737386-03-7	737386-04-8	737386-05-9	737386-06-0	737386-07-1
	737386-08-2	737386-09-3	737386-10-6	737386-11-7	737386-12-8
	737386-13-9	737386-14-0	737386-15-1	737386-16-2	737386-17-3
	737386-18-4	737386-19-5	737386-20-8	737386-21-9	737386-22-0
	737386-23-1	737386-24-2	737386-25-3	737386-26-4	737386-27-5
	737386-28-6	737386-29-7	737386-30-0	737386-31-1	737386-32-2
	737386-33-3	737386-34-4	737386-35-5	737386-36-6	737386-37-7
	737386-38-8	737386-39-9	737386-40-2	737386-41-3	737386-42-4
	737386-43-5	737386-44-6	737386-45-7	737386-46-8	737386-47-9
	737386-48-0	737386-49-1	737386-50-4	737386-51-5	737386-52-6
	737386-53-7	737386-54-8	737386-55-9	737386-56-0	737386-57-1
	737386-58-2	737386-59-3	737386-60-6	737386-61-7	737386-62-8
	737386-63-9	737386-64-0	737386-65-1	737386-66-2	737386-67-3
	737386-68-4	737386-69-5	737386-70-8	737386-71-9	737386-72-0
	737386-73-1	737386-74-2	737386-75-3	737386-76-4	737386-77-5
	737386-78-6	737386-79-7	737386-80-0	737386-81-1	737386-82-2
	737386-83-3	737386-84-4	737386-85-5	737386-86-6	737386-87-7
	737386-88-8	737386-89-9	737386-90-2	737386-91-3	737386-92-4
	737386-93-5	737386-94-6	737386-95-7	737386-96-8	737386-97-9
	737386-98-0	737386-99-1	737387-00-7	737387-01-8	737387-02-9
	737387-03-0	737387-04-1	737387-05-2	737387-06-3	737387-07-4
	737387-08-5	737387-09-6	737387-10-9	737387-11-0	737387-12-1
	737387-13-2	737387-14-3	737387-15-4	737387-16-5	737387-17-6
	737387-18-7	737387-19-8	737387-20-1	737387-21-2	737387-22-3
	737387-23-4	737387-24-5	737387-25-6	737387-26-7	737387-27-8
	737387-28-9	737387-29-0	737387-30-3	737387-31-4	737387-32-5
	737387-33-6	737387-34-7	737387-35-8	737387-36-9	737387-37-0
	737387-38-1	737387-39-2	737387-40-5	737387-41-6	737387-42-7
	737387-43-8	737387-44-9	737387-45-0	737387-46-1	737387-47-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737387-48-3	737387-49-4	737387-50-7	737387-51-8	737387-52-9
	737387-53-0	737387-54-1	737387-55-2	737387-56-3	737387-57-4
	737387-58-5	737387-59-6	737387-60-9	737387-61-0	737387-62-1
	737387-63-2	737387-64-3	737387-65-4	737387-66-5	737387-67-6
	737387-68-7	737387-69-8	737387-70-1	737387-71-2	737387-72-3
	737387-73-4	737387-74-5	737387-75-6	737387-76-7	737387-77-8
	737387-78-9	737387-79-0	737387-80-3	737387-81-4	737387-82-5
	737387-83-6	737387-84-7	737387-85-8	737387-86-9	737387-87-0
	737387-88-1	737387-89-2	737387-90-5	737387-91-6	737387-92-7
	737387-93-8	737387-94-9	737387-95-0	737387-96-1	737387-97-2
	737387-98-3	737387-99-4	737388-00-0	737388-01-1	737388-02-2
	737388-03-3	737388-04-4	737388-05-5	737388-06-6	737388-07-7
	737388-08-8	737388-09-9	737388-10-2	737388-11-3	737388-12-4
	737388-13-5	737388-14-6	737388-15-7	737388-16-8	737388-17-9
	737388-18-0	737388-19-1	737388-20-4	737388-21-5	737388-22-6

737388-23-7	737388-24-8	737388-25-9	737388-26-0	737388-27-1
737388-28-2	737388-29-3	737388-30-6	737388-31-7	737388-32-8
737388-33-9	737388-34-0	737388-35-1	737388-36-2	737388-37-3
737388-38-4	737388-39-5	737388-40-8	737388-41-9	737388-42-0
737388-43-1	737388-44-2	737388-45-3	737388-46-4	737388-47-5
737388-48-6	737388-49-7	737388-50-0	737388-51-1	737388-52-2
737388-53-3	737388-54-4	737388-55-5	737388-56-6	737388-57-7
737388-58-8	737388-59-9	737388-60-2	737388-61-3	737388-62-4
737388-63-5	737388-64-6	737388-65-7	737388-66-8	737388-67-9
737388-68-0	737388-69-1	737388-70-4	737388-71-5	737388-72-6
737388-73-7	737388-74-8	737388-75-9	737388-76-0	737388-77-1
737388-78-2	737388-79-3	737388-80-6	737388-81-7	737388-82-8
737388-83-9	737388-84-0	737388-85-1	737388-86-2	737388-87-3
737388-88-4	737388-89-5	737388-90-8	737388-91-9	737388-92-0
737388-93-1	737388-94-2	737388-95-3	737388-96-4	737388-97-5
737388-98-6	737388-99-7	737389-00-3	737389-01-4	737389-02-5
737389-03-6	737389-04-7	737389-05-8	737389-06-9	737389-07-0
737389-08-1	737389-09-2	737389-10-5	737389-11-6	737389-12-7
737389-13-8	737389-14-9	737389-15-0	737389-16-1	737389-17-2
737389-18-3	737389-19-4	737389-20-7	737389-21-8	737389-22-9
737389-23-0	737389-24-1	737389-25-2	737389-26-3	737389-27-4
737389-28-5	737389-29-6	737389-30-9	737389-31-0	737389-32-1
737389-33-2	737389-34-3	737389-35-4	737389-36-5	737389-37-6
737389-38-7	737389-39-8	737389-40-1	737389-41-2	737389-42-3
737389-43-4	737389-44-5	737389-45-6	737389-46-7	737389-47-8
737389-48-9	737389-49-0	737389-50-3	737389-51-4	737389-52-5
737389-53-6	737389-54-7	737389-55-8	737389-56-9	737389-57-0
737389-58-1	737389-59-2	737389-60-5	737389-61-6	737389-62-7
737389-63-8	737389-64-9	737389-65-0	737389-66-1	737389-67-2
737389-68-3	737389-69-4	737389-70-7	737389-71-8	737389-72-9
737389-73-0	737389-74-1	737389-75-2	737389-76-3	737389-77-4
737389-78-5	737389-79-6	737389-80-9	737389-81-0	737389-82-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737389-83-2	737389-84-3	737389-85-4	737389-86-5	737389-87-6
	737389-88-7	737389-89-8	737389-90-1	737389-91-2	737389-92-3
	737389-93-4	737389-94-5	737389-95-6	737389-96-7	737389-97-8
	737389-98-9	737389-99-0	737390-00-0	737390-01-1	737390-02-2
	737390-03-3	737390-04-4	737390-05-5	737390-06-6	737390-07-7
	737390-08-8	737390-09-9	737390-10-2	737390-11-3	737390-12-4
	737390-13-5	737390-14-6	737390-15-7	737390-16-8	737390-17-9
	737390-18-0	737390-19-1	737390-20-4	737390-21-5	737390-22-6
	737390-23-7	737390-24-8	737390-25-9	737390-26-0	737390-27-1
	737390-28-2	737390-29-3	737390-30-6	737390-31-7	737390-32-8
	737390-33-9	737390-34-0	737390-35-1	737390-36-2	737390-37-3
	737390-38-4	737390-39-5	737390-40-8	737390-41-9	737390-42-0
	737390-43-1	737390-44-2	737390-45-3	737390-46-4	737390-47-5
	737390-48-6	737390-49-7	737390-50-0	737390-51-1	737390-52-2
	737390-53-3	737390-54-4	737390-55-5	737390-56-6	737390-57-7
	737390-58-8	737390-59-9	737390-60-2	737390-61-3	737390-62-4
	737390-63-5	737390-64-6	737390-65-7	737390-66-8	737390-67-9
	737390-68-0	737390-69-1	737390-70-4	737390-71-5	737390-72-6
	737390-73-7	737390-74-8	737390-75-9	737390-76-0	737390-77-1
	737390-78-2	737390-79-3	737390-80-6	737390-81-7	737390-82-8
	737390-83-9	737390-84-0	737390-85-1	737390-86-2	737390-87-3
	737390-88-4	737390-89-5	737390-90-8	737390-91-9	737390-92-0
	737390-93-1	737390-94-2	737390-95-3	737390-96-4	737390-97-5
	737390-98-6	737390-99-7	737391-00-3	737391-01-4	737391-02-5
	737391-03-6	737391-04-7	737391-05-8	737391-06-9	737391-07-0
	737391-08-1	737391-09-2	737391-10-5	737391-11-6	737391-12-7
	737391-13-8	737391-14-9	737391-15-0	737391-16-1	737391-17-2
	737391-18-3	737391-19-4	737391-20-7	737391-21-8	737391-22-9
	737391-23-0	737391-24-1	737391-25-2	737391-26-3	737391-27-4
	737391-28-5	737391-29-6	737391-30-9	737391-31-0	737391-32-1

737391-33-2	737391-34-3	737391-35-4	737391-36-5	737391-37-6
737391-38-7	737391-39-8	737391-40-1	737391-41-2	737391-42-3
737391-43-4	737391-44-5	737391-45-6	737391-46-7	737391-47-8
737391-48-9	737391-49-0	737391-50-3	737391-51-4	737391-52-5
737391-53-6	737391-54-7	737391-55-8	737391-56-9	737391-57-0
737391-58-1	737391-59-2	737391-60-5	737391-61-6	737391-62-7
737391-63-8	737391-64-9	737391-65-0	737391-66-1	737391-67-2
737391-68-3	737391-69-4	737391-70-7	737391-71-8	737391-72-9
737391-73-0	737391-74-1	737391-75-2	737391-76-3	737391-77-4
737391-78-5	737391-79-6	737391-80-9	737391-81-0	737391-82-1
737391-83-2	737391-84-3	737391-85-4	737391-86-5	737391-87-6
737391-88-7	737391-89-8	737391-90-1	737391-91-2	737391-92-3
737391-93-4	737391-94-5	737391-95-6	737391-96-7	737391-97-8
737391-98-9	737391-99-0	737392-00-6	737392-01-7	737392-02-8
737392-03-9	737392-04-0	737392-05-1	737392-06-2	737392-07-3
737392-08-4	737392-09-5	737392-10-8	737392-11-9	737392-12-0
737392-13-1	737392-14-2	737392-15-3	737392-16-4	737392-17-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737392-18-6	737392-19-7	737392-20-0	737392-21-1	737392-22-2
	737392-23-3	737392-24-4	737392-25-5	737392-26-6	737392-27-7
	737392-28-8	737392-29-9	737392-30-2	737392-31-3	737392-32-4
	737392-33-5	737392-34-6	737392-35-7	737392-36-8	737392-37-9
	737392-38-0	737392-39-1	737392-40-4	737392-41-5	737392-42-6
	737392-43-7	737392-44-8	737392-45-9	737392-46-0	737392-47-1
	737392-48-2	737392-49-3	737392-50-6	737392-51-7	737392-52-8
	737392-53-9	737392-54-0	737392-55-1	737392-56-2	737392-57-3
	737392-58-4	737392-59-5	737392-60-8	737392-61-9	737392-62-0
	737392-63-1	737392-64-2	737392-65-3	737392-66-4	737392-67-5
	737392-68-6	737392-69-7	737392-70-0	737392-71-1	737392-72-2
	737392-73-3	737392-74-4	737392-75-5	737392-76-6	737392-77-7
	737392-78-8	737392-79-9	737392-80-2	737392-81-3	737392-82-4
	737392-83-5	737392-84-6	737392-85-7	737392-86-8	737392-87-9
	737392-88-0	737392-89-1	737392-90-4	737392-91-5	737392-92-6
	737392-93-7	737392-94-8	737392-95-9	737392-96-0	737392-97-1
	737392-98-2	737392-99-3	737393-00-9	737393-01-0	737393-02-1
	737393-03-2	737393-04-3	737393-05-4	737393-06-5	737393-07-6
	737393-08-7	737393-09-8	737393-10-1	737393-11-2	737393-12-3
	737393-13-4	737393-14-5	737393-15-6	737393-16-7	737393-17-8
	737393-18-9	737393-19-0	737393-20-3	737393-21-4	737393-22-5
	737393-23-6	737393-24-7	737393-25-8	737393-26-9	737393-27-0
	737393-28-1	737393-29-2	737393-30-5	737393-31-6	737393-32-7
	737393-33-8	737393-34-9	737393-35-0	737393-36-1	737393-37-2
	737393-38-3	737393-39-4	737393-40-7	737393-41-8	737393-42-9
	737393-43-0	737393-44-1	737393-45-2	737393-46-3	737393-47-4
	737393-48-5	737393-49-6	737393-50-9	737393-51-0	737393-52-1
	737393-53-2	737393-54-3	737393-55-4	737393-56-5	737393-57-6
	737393-58-7	737393-59-8	737393-60-1	737393-61-2	737393-62-3
	737393-63-4	737393-64-5	737393-65-6	737393-66-7	737393-67-8
	737393-68-9	737393-69-0	737393-70-3	737393-71-4	737393-72-5
	737393-73-6	737393-74-7	737393-75-8	737393-76-9	737393-77-0
	737393-78-1	737393-79-2	737393-80-5	737393-81-6	737393-82-7
	737393-83-8	737393-84-9	737393-85-0	737393-86-1	737393-87-2
	737393-88-3	737393-89-4	737393-90-7	737393-91-8	737393-92-9
	737393-93-0	737393-94-1	737393-95-2	737393-96-3	737393-97-4
	737393-98-5	737393-99-6	737394-00-2	737394-01-3	737394-02-4
	737394-03-5	737394-04-6	737394-05-7	737394-06-8	737394-07-9
	737394-08-0	737394-09-1	737394-10-4	737394-11-5	737394-12-6
	737394-13-7	737394-14-8	737394-15-9	737394-16-0	737394-17-1
	737394-18-2	737394-19-3	737394-20-6	737394-21-7	737394-22-8
	737394-23-9	737394-24-0	737394-25-1	737394-26-2	737394-27-3
	737394-28-4	737394-29-5	737394-30-8	737394-31-9	737394-32-0
	737394-33-1	737394-34-2	737394-35-3	737394-36-4	737394-37-5
	737394-38-6	737394-39-7	737394-40-0	737394-41-1	737394-42-2

737394-43-3 737394-44-4 737394-45-5 737394-46-6 737394-47-7
 737394-48-8 737394-49-9 737394-50-2 737394-51-3 737394-52-4
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT	737394-53-5	737394-54-6	737394-55-7	737394-56-8	737394-57-9
	737394-58-0	737394-59-1	737394-60-4	737394-61-5	737394-62-6
	737394-63-7	737394-64-8	737394-65-9	737394-66-0	737394-67-1
	737394-68-2	737394-69-3	737394-70-6	737394-71-7	737394-72-8
	737394-73-9	737394-74-0	737394-75-1	737394-76-2	737394-77-3
	737394-78-4	737394-79-5	737394-80-8	737394-81-9	737394-82-0
	737394-83-1	737394-84-2	737394-85-3	737394-86-4	737394-87-5
	737394-88-6	737394-89-7	737394-90-0	737394-91-1	737394-92-2
	737394-93-3	737394-94-4	737394-95-5	737394-96-6	737394-97-7
	737394-98-8	737394-99-9	737395-00-5	737395-01-6	737395-02-7
	737395-03-8	737395-04-9	737395-05-0	737395-06-1	737395-07-2
	737395-08-3	737395-09-4	737395-10-7	737395-11-8	737395-12-9
	737395-13-0	737395-14-1	737395-15-2	737395-16-3	737395-17-4
	737395-18-5	737395-19-6	737395-20-9	737395-21-0	737395-22-1
	737395-23-2	737395-24-3	737395-25-4	737395-26-5	737395-27-6
	737395-28-7	737395-29-8	737395-30-1	737395-31-2	737395-32-3
	737395-33-4	737395-34-5	737395-35-6	737395-36-7	737395-37-8
	737395-38-9	737395-39-0	737395-40-3	737395-41-4	737395-42-5
	737395-43-6	737395-44-7	737395-45-8	737395-46-9	737395-47-0
	737395-48-1	737395-49-2	737395-50-5	737395-51-6	737395-52-7
	737395-53-8	737395-54-9	737395-55-0	737395-56-1	737395-57-2
	737395-58-3	737395-59-4	737395-60-7	737395-61-8	737395-62-9
	737395-63-0	737395-64-1	737395-65-2	737395-66-3	737395-67-4
	737395-68-5	737395-69-6	737395-70-9	737395-71-0	737395-72-1
	737395-73-2	737395-74-3	737395-75-4	737395-76-5	737395-77-6
	737395-78-7	737395-79-8	737395-80-1	737395-81-2	737395-82-3
	737395-83-4	737395-84-5	737395-85-6	737395-86-7	737395-87-8
	737395-88-9	737395-89-0	737395-90-3	737395-91-4	737395-92-5
	737395-93-6	737395-94-7	737395-95-8	737395-96-9	737395-97-0
	737395-98-1	737395-99-2	737396-00-8	737396-01-9	737396-02-0
	737396-03-1	737396-04-2	737396-05-3	737396-06-4	737396-07-5
	737396-08-6	737396-09-7	737396-10-0	737396-11-1	737396-12-2
	737396-13-3	737396-14-4	737396-15-5	737396-16-6	737396-17-7
	737396-18-8	737396-19-9	737396-20-2	737396-21-3	737396-22-4
	737396-23-5	737396-24-6	737396-25-7	737396-26-8	737396-27-9
	737396-28-0	737396-29-1	737396-30-4	737396-31-5	737396-32-6
	737396-33-7	737396-34-8	737396-35-9	737396-36-0	737396-37-1
	737396-38-2	737396-39-3	737396-40-6	737396-41-7	737396-42-8
	737396-43-9	737396-44-0	737396-45-1	737396-46-2	737396-47-3
	737396-48-4	737396-49-5	737396-50-8	737396-51-9	737396-52-0
	737396-53-1	737396-54-2	737396-55-3	737396-56-4	737396-57-5
	737396-58-6	737396-59-7	737396-60-0	737396-61-1	737396-62-2
	737396-63-3	737396-64-4	737396-65-5	737396-66-6	737396-67-7
	737396-68-8	737396-69-9	737396-70-2	737396-71-3	737396-72-4
	737396-73-5	737396-74-6	737396-75-7	737396-76-8	737396-77-9
	737396-78-0	737396-79-1	737396-80-4	737396-81-5	737396-82-6
	737396-83-7	737396-84-8	737396-85-9	737396-86-0	737396-87-1

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT	737396-88-2	737396-89-3	737396-90-6	737396-91-7	737396-92-8
	737396-93-9	737396-94-0	737396-95-1	737396-96-2	737396-97-3
	737396-98-4	737396-99-5	737397-00-1	737397-01-2	737397-02-3
	737397-03-4	737397-04-5	737397-05-6	737397-06-7	737397-07-8
	737397-08-9	737397-09-0	737397-10-3	737397-11-4	737397-12-5
	737397-13-6	737397-14-7	737397-15-8	737397-16-9	737397-17-0
	737397-18-1	737397-19-2	737397-20-5	737397-21-6	737397-22-7
	737397-23-8	737397-24-9	737397-25-0	737397-26-1	737397-27-2
	737397-28-3	737397-29-4	737397-30-7	737397-31-8	737397-32-9

737397-33-0	737397-34-1	737397-35-2	737397-36-3	737397-37-4
737397-38-5	737397-39-6	737397-40-9	737397-41-0	737397-42-1
737397-43-2	737397-44-3	737397-45-4	737397-46-5	737397-47-6
737397-48-7	737397-49-8	737397-50-1	737397-51-2	737397-52-3
737397-53-4	737397-54-5	737397-55-6	737397-56-7	737397-57-8
737397-58-9	737397-59-0	737397-60-3	737397-61-4	737397-62-5
737397-63-6	737397-64-7	737397-65-8	737397-66-9	737397-67-0
737397-68-1	737397-69-2	737397-70-5	737397-71-6	737397-72-7
737397-73-8	737397-74-9	737397-75-0	737397-76-1	737397-77-2
737397-78-3	737397-79-4	737397-80-7	737397-81-8	737397-82-9
737397-83-0	737397-84-1	737397-85-2	737397-86-3	737397-87-4
737397-88-5	737397-89-6	737397-90-9	737397-91-0	737397-92-1
737397-93-2	737397-94-3	737397-95-4	737397-96-5	737397-97-6
737397-98-7	737397-99-8	737398-00-4	737398-01-5	737398-02-6
737398-03-7	737398-04-8	737398-05-9	737398-06-0	737398-07-1
737398-08-2	737398-09-3	737398-10-6	737398-11-7	737398-12-8
737398-13-9	737398-14-0	737398-15-1	737398-16-2	737398-17-3
737398-18-4	737398-19-5	737398-20-8	737398-21-9	737398-22-0
737398-23-1	737398-24-2	737398-25-3	737398-26-4	737398-27-5
737398-28-6	737398-29-7	737398-30-0	737398-31-1	737398-32-2
737398-33-3	737398-34-4	737398-35-5	737398-36-6	737398-37-7
737398-38-8	737398-39-9	737398-40-2	737398-41-3	737398-42-4
737398-43-5	737398-44-6	737398-45-7	737398-46-8	737398-47-9
737398-48-0	737398-49-1	737398-50-4	737398-51-5	737398-52-6
737398-53-7	737398-54-8	737398-55-9	737398-56-0	737398-57-1
737398-58-2	737398-59-3	737398-60-6	737398-61-7	737398-62-8
737398-63-9	737398-64-0	737398-65-1	737398-66-2	737398-67-3
737398-68-4	737398-69-5	737398-70-8	737398-71-9	737398-72-0
737398-73-1	737398-74-2	737398-75-3	737398-76-4	737398-77-5
737398-78-6	737398-79-7	737398-80-0	737398-81-1	737398-82-2
737398-83-3	737398-84-4	737398-85-5	737398-86-6	737398-87-7
737398-88-8	737398-89-9	737398-90-2	737398-91-3	737398-92-4
737398-93-5	737398-94-6	737398-95-7	737398-96-8	737398-97-9
737398-98-0	737398-99-1	737399-00-7	737399-01-8	737399-02-9
737399-03-0	737399-04-1	737399-05-2	737399-06-3	737399-07-4
737399-08-5	737399-09-6	737399-10-9	737399-11-0	737399-12-1
737399-13-2	737399-14-3	737399-15-4	737399-16-5	737399-17-6
737399-18-7	737399-19-8	737399-20-1	737399-21-2	737399-22-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737399-23-4	737399-24-5	737399-25-6	737399-26-7	737399-27-8
737399-28-9	737399-29-0	737399-30-3	737399-31-4	737399-32-5
737399-33-6	737399-34-7	737399-35-8	737399-36-9	737399-37-0
737399-38-1	737399-39-2	737399-40-5	737399-41-6	737399-42-7
737399-43-8	737399-44-9	737399-45-0	737399-46-1	737399-47-2
737399-48-3	737399-49-4	737399-50-7	737399-51-8	737399-52-9
737399-53-0	737399-54-1	737399-55-2	737399-56-3	737399-57-4
737399-58-5	737399-59-6	737399-60-9	737399-61-0	737399-62-1
737399-63-2	737399-64-3	737399-65-4	737399-66-5	737399-67-6
737399-68-7	737399-69-8	737399-70-1	737399-71-2	737399-72-3
737399-73-4	737399-74-5	737399-75-6	737399-76-7	737399-77-8
737399-78-9	737399-79-0	737399-80-3	737399-81-4	737399-82-5
737399-83-6	737399-84-7	737399-85-8	737399-86-9	737399-87-0
737399-88-1	737399-89-2	737399-90-5	737399-91-6	737399-92-7
737399-93-8	737399-94-9	737399-95-0	737399-96-1	737399-97-2
737399-98-3	737399-99-4	737400-00-9	737400-01-0	737400-02-1
737400-03-2	737400-04-3	737400-05-4	737400-06-5	737400-07-6
737400-08-7	737400-09-8	737400-10-1	737400-11-2	737400-12-3
737400-13-4	737400-14-5	737400-15-6	737400-16-7	737400-17-8
737400-18-9	737400-19-0	737400-20-3	737400-21-4	737400-22-5
737400-23-6	737400-25-8	737400-26-9	737400-27-0	737400-29-2
737400-30-5	737400-31-6	737400-32-7	737400-34-9	737400-35-0
737400-36-1	737400-37-2	737400-38-3	737400-39-4	737400-41-8
737400-42-9	737400-43-0	737400-45-2	737400-46-3	737400-47-4

737400-48-5	737400-50-9	737400-51-0	737400-52-1	737400-53-2
737400-54-3	737400-55-4	737400-56-5	737400-57-6	737400-58-7
737400-59-8	737400-60-1	737400-61-2	737400-62-3	737400-63-4
737400-64-5	737400-65-6	737400-66-7	737400-67-8	737400-68-9
737400-69-0	737400-70-3	737400-71-4	737400-72-5	737400-73-6
737400-74-7	737400-75-8	737400-76-9	737400-77-0	737400-78-1
737400-79-2	737400-80-5	737400-81-6	737400-82-7	737400-83-8
737400-84-9	737400-85-0	737400-86-1	737400-87-2	737400-88-3
737400-89-4	737400-90-7	737400-91-8	737400-92-9	737400-93-0
737400-94-1	737400-95-2	737400-96-3	737400-97-4	737400-98-5
737400-99-6	737401-00-2	737401-01-3	737401-02-4	737401-03-5
737401-04-6	737401-05-7	737401-06-8	737401-07-9	737401-08-0
737401-09-1	737401-10-4	737401-11-5	737401-12-6	737401-13-7
737401-14-8	737401-15-9	737401-16-0	737401-17-1	737401-18-2
737401-19-3	737401-20-6	737401-21-7	737401-22-8	737401-23-9
737401-24-0	737401-25-1	737401-26-2	737401-27-3	737401-28-4
737401-29-5	737401-30-8	737401-31-9	737401-32-0	737401-33-1
737401-34-2	737401-35-3	737401-36-4	737401-37-5	737401-38-6
737401-39-7	737401-40-0	737401-41-1	737401-42-2	737401-43-3
737401-44-4	737401-45-5	737401-46-6	737401-47-7	737401-48-8
737401-49-9	737401-50-2	737401-51-3	737401-52-4	737401-53-5
737401-54-6	737401-55-7	737401-56-8	737401-57-9	737401-58-0
737401-59-1	737401-60-4	737401-61-5	737401-62-6	737401-63-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737401-64-8	737401-65-9	737401-66-0	737401-67-1	737401-68-2
	737401-69-3	737401-70-6	737401-71-7	737401-72-8	737401-73-9
	737401-74-0	737401-75-1	737401-76-2	737401-77-3	737401-78-4
	737401-79-5	737401-80-8	737401-81-9	737401-82-0	737401-83-1
	737401-84-2	737401-85-3	737401-86-4	737401-87-5	737401-88-6
	737401-89-7	737401-90-0	737401-91-1	737401-92-2	737401-93-3
	737401-94-4	737401-95-5	737401-96-6	737401-97-7	737401-98-8
	737401-99-9	737402-00-5	737402-01-6	737402-02-7	737402-03-8
	737402-04-9	737402-05-0	737402-06-1	737402-07-2	737402-08-3
	737402-09-4	737402-10-7	737402-11-8	737402-12-9	737402-13-0
	737402-14-1	737402-15-2	737402-16-3	737402-17-4	737402-18-5
	737402-19-6	737402-20-9	737402-21-0	737402-22-1	737402-23-2
	737402-24-3	737402-25-4	737402-26-5	737402-27-6	737402-28-7
	737402-29-8	737402-30-1	737402-31-2	737402-32-3	737402-33-4
	737402-34-5	737402-35-6	737402-36-7	737402-37-8	737402-38-9
	737402-39-0	737402-40-3	737402-41-4	737402-42-5	737402-43-6
	737402-44-7	737402-45-8	737402-46-9	737402-47-0	737402-48-1
	737402-49-2	737402-50-5	737402-51-6	737402-52-7	737402-53-8
	737402-54-9	737402-55-0	737402-56-1	737402-57-2	737402-58-3
	737402-59-4	737402-60-7	737402-61-8	737402-62-9	737402-63-0
	737402-64-1	737402-65-2	737402-66-3	737402-67-4	737402-68-5
	737402-69-6	737402-70-9	737402-71-0	737402-72-1	737402-73-2
	737402-74-3	737402-75-4	737402-76-5	737402-77-6	737402-78-7
	737402-79-8	737402-80-1	737402-81-2	737402-82-3	737402-83-4
	737402-84-5	737402-85-6	737402-86-7	737402-87-8	737402-88-9
	737402-89-0	737402-90-3	737402-91-4	737402-92-5	737402-93-6
	737402-94-7	737402-95-8	737402-96-9	737402-97-0	737402-98-1
	737402-99-2	737403-00-8	737403-01-9	737403-02-0	737403-03-1
	737403-04-2	737403-05-3	737403-06-4	737403-07-5	737403-08-6
	737403-09-7	737403-10-0	737403-11-1	737403-12-2	737403-13-3
	737403-14-4	737403-15-5	737403-16-6	737403-17-7	737403-18-8
	737403-19-9	737403-20-2	737403-21-3	737403-22-4	737403-23-5
	737403-24-6	737403-25-7	737403-26-8	737403-27-9	737403-28-0
	737403-29-1	737403-30-4	737403-31-5	737403-32-6	737403-33-7
	737403-34-8	737403-35-9	737403-36-0	737403-37-1	737403-38-2
	737403-39-3	737403-40-6	737403-41-7	737403-42-8	737403-43-9
	737403-44-0	737403-45-1	737403-46-2	737403-47-3	737403-48-4
	737403-49-5	737403-50-8	737403-51-9	737403-52-0	737403-53-1
	737403-54-2	737403-55-3	737403-56-4	737403-57-5	737403-58-6

737403-59-7	737403-60-0	737403-61-1	737403-62-2	737403-63-3
737403-64-4	737403-65-5	737403-66-6	737403-67-7	737403-68-8
737403-69-9	737403-70-2	737403-71-3	737403-72-4	737403-73-5
737403-74-6	737403-75-7	737403-76-8	737403-77-9	737403-78-0
737403-79-1	737403-80-4	737403-81-5	737403-82-6	737403-83-7
737403-84-8	737403-85-9	737403-86-0	737403-87-1	737403-88-2
737403-89-3	737403-90-6	737403-91-7	737403-92-8	737403-93-9
737403-94-0	737403-95-1	737403-96-2	737403-97-3	737403-98-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737403-99-5	737404-00-1	737404-01-2	737404-02-3	737404-03-4
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

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737407-89-5	737407-90-8	737407-91-9	737407-92-0	737407-93-1
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737407-99-7	737408-00-3	737408-01-4	737408-02-5	737408-03-6
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737408-19-4	737408-20-7	737408-21-8	737408-22-9	737408-23-0
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737408-29-6	737408-30-9	737408-31-0	737408-32-1	737408-33-2
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737408-64-9	737408-65-0	737408-66-1	737408-67-2	737408-68-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737408-69-4	737408-70-7	737408-71-8	737408-72-9	737408-73-0
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	737408-84-3	737408-85-4	737408-86-5	737408-87-6	737408-88-7
	737408-89-8	737408-90-1	737408-91-2	737408-92-3	737408-93-4
	737408-94-5	737408-95-6	737408-96-7	737408-97-8	737408-98-9
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	737409-04-0	737409-05-1			

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 9005-53-2, Lignin, biological studies 11078-30-1, Galactomannan
 RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen,

biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(improved use and/or uptake of; rice nucleic acid mols. and encoded
proteins and their uses for plant improvement)

IT 737404-49-8

RL: BSU (Biological study, unclassified); BUU (Biological use,
unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and
their uses for plant improvement)

RN 737404-49-8 HCAPLUS

CN Protein (Oryza sativa clone PAT_MRT4530_9509C.1.pep fragment) (9CI) (CA
INDEX NAME)

SEQ 1 MAALVQVVAV ALALWCCGAA VVASAAAASS PLVSPKAKPG VRPKLPKPTK
51 LTTITFSPHH KRDYQVTCTN TGRRPCVVCV PSNCPNKCLV ACAYCLTFCM
101 CDLFPGTSCG DPRFTGADGN TFYFHGKKEQ DFCIVSDADL HINAHFIGNH
151 NPAMKRDFTW IQSLGISFGD HRLYIGARRA AEWDDEDEDHV QITFDGEPVN
201 VDAAGAHWV SAALPSLSVS RTDTVNAVAV ELDGVFAITA NAVPITDDDS
251 RIHHYGKTAK DTLVHLDLGY KFHALSGDVD GVLGQTYRPT YANRLNITAK
301 MPIMGADKY RSSGLFSPDC AVSRFHRRRT AGDHVALGFA SRGEARRYS
351 GCSGEARRLR GLRWRPTSER ASKTRRRRGE AGELHRVERE ESGWPRSSAR
401 SSQVGGPEEA VARRLPSPPI SSPRRKTPQF RSAGRCALAC RPAPPLCSAL
451 HHALANRRAL ARRLRPPHT RPPPLCSAGR RALARRLRP PLSPTCRRQS
501 ISSVHGVIVA QRAVGLVRQR SRRRAWTARPR RPTRRPRRAG TT

L12 ANSWER 16 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:663853 HCAPLUS

DN 141:186008

ED Entered STN: 16 Aug 2004

TI Rice nucleic acid molecules and encoded proteins and their uses for plant
improvement

IN La Rosa, Thomas J.; Kovalic, David K.; Zhou, Yihua; Cao, Yongwei; Wu, Wei;
Boukharov, Andrey A.; Barbazuk, Brad W.

PA USA

SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 837,604.

CODEN: USXXCO

DT Patent

LA English

IC A01H001-00; C12N015-82; C07H021-04; C12N009-24; C12N005-04

INCL 800278000; 435069100; 435200000; 435201000; 435419000; 536023200

CC 3-3 (Biochemical Genetics)

Section cross-reference(s): 6, 11

FAN.CNT 27

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
PRAI	US 2000-197872P	P	20000419	<--	
	US 2001-837604	A2	20010418		
	US 2003-437963	A	20030514		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004123343	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24IC C12N005-04
	INCL	800278000; 435069100; 435200000; 435201000; 435419000; 536023200
US 2004123343	NCL	800/278.000 <--
US 2004123343	NCL	800/278.000
	ECLA	C07K014/415 <--

AB The present invention provides 102,483 cDNA sequences and their encoded
protein sequences from rice (Oryza sativa). Bioinformatic anal.

identified putative functions and uses for the nucleic acids/polypeptides. The disclosed polynucleotides and polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of forty-one records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

- ST rice cDNA protein sequence plant transformation
- IT Stress, plant
 - (cold, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Stress, plant
 - (heat, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Recombination, genetic
 - (homologous; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Fats and Glyceridic oils, biological studies
 - Growth regulators, plant
 - RL: BSU (Biological study, unclassified); BIOL (Biological study)
 - (improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Pathogen
 - (improved tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Carbohydrates, biological studies
 - RL: BSU (Biological study, unclassified); BIOL (Biological study)
 - (improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Stress, plant
 - (osmotic, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Cell cycle
 - Disease resistance, plant
 - Growth and development, plant
 - Herbicides
 - Oryza sativa
 - Photosynthesis, biological
 - Protein sequences
 - Transformation, genetic
 - cDNA library
 - cDNA sequences
 - (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Transcription factors
 - RL: BSU (Biological study, unclassified); BIOL (Biological study)
 - (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Proteins
 - cDNA
 - RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 - (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Embryophyta
 - (transgenic; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT

737309-22-7	737309-23-8	737309-24-9	737309-25-0	737309-26-1
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

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	737311-77-2	737311-78-3	737311-79-4	737311-80-7	737311-81-8
	737311-82-9	737311-83-0	737311-84-1	737311-85-2	737311-86-3
	737311-87-4	737311-88-5	737311-89-6	737311-90-9	737311-91-0
	737311-92-1	737311-93-2	737311-94-3	737311-95-4	737311-96-5
	737311-97-6	737311-98-7	737311-99-8	737312-00-4	737312-01-5
	737312-02-6	737312-03-7	737312-04-8	737312-05-9	737312-06-0
	737312-07-1	737312-08-2	737312-09-3	737312-10-6	737312-11-7
	737312-12-8	737312-13-9	737312-14-0	737312-15-1	737312-16-2
	737312-17-3	737312-18-4	737312-19-5	737312-20-8	737312-21-9
	737312-22-0	737312-23-1	737312-24-2	737312-25-3	737312-26-4
	737312-27-5	737312-28-6	737312-29-7	737312-30-0	737312-31-1
	737312-32-2	737312-33-3	737312-34-4	737312-35-5	737312-36-6
	737312-37-7	737312-38-8	737312-39-9	737312-40-2	737312-41-3
	737312-42-4	737312-43-5	737312-44-6	737312-45-7	737312-46-8
	737312-47-9	737312-48-0	737312-49-1	737312-50-4	737312-51-5
	737312-52-6	737312-53-7	737312-54-8	737312-55-9	737312-56-0
	737312-57-1	737312-58-2	737312-59-3	737312-60-6	737312-61-7
	737312-62-8	737312-63-9	737312-64-0	737312-65-1	737312-66-2
	737312-67-3	737312-68-4	737312-69-5	737312-70-8	737312-71-9
	737312-72-0	737312-73-1	737312-74-2	737312-75-3	737312-76-4
	737312-77-5	737312-78-6	737312-79-7	737312-80-0	737312-81-1

737312-82-2	737312-83-3	737312-84-4	737312-85-5	737312-86-6
737312-87-7	737312-88-8	737312-89-9	737312-90-2	737312-91-3
737312-92-4	737312-93-5	737312-94-6	737312-95-7	737312-96-8
737312-97-9	737312-98-0	737312-99-1	737313-00-7	737313-01-8
737313-02-9	737313-03-0	737313-04-1	737313-05-2	737313-06-3
737313-07-4	737313-08-5	737313-09-6	737313-10-9	737313-11-0
737313-12-1	737313-13-2	737313-14-3	737313-15-4	737313-16-5
737313-17-6	737313-18-7	737313-19-8	737313-20-1	737313-21-2
737313-22-3	737313-23-4	737313-24-5	737313-25-6	737313-26-7
737313-27-8	737313-28-9	737313-29-0	737313-30-3	737313-31-4
737313-32-5	737313-33-6	737313-34-7	737313-35-8	737313-36-9
737313-37-0	737313-38-1	737313-39-2	737313-40-5	737313-41-6
737313-42-7	737313-43-8	737313-44-9	737313-45-0	737313-46-1
737313-47-2	737313-48-3	737313-49-4	737313-50-7	737313-51-8
737313-52-9	737313-53-0	737313-54-1	737313-55-2	737313-56-3
737313-57-4	737313-58-5	737313-59-6	737313-60-9	737313-61-0
737313-62-1	737313-63-2	737313-64-3	737313-65-4	737313-66-5
737313-67-6	737313-68-7	737313-69-8	737313-70-1	737313-71-2
737313-72-3	737313-73-4	737313-74-5	737313-75-6	737313-76-7
737313-77-8	737313-78-9	737313-79-0	737313-80-3	737313-81-4
737313-82-5	737313-83-6	737313-84-7	737313-85-8	737313-86-9
737313-87-0	737313-88-1	737313-89-2	737313-90-5	737313-91-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737313-92-7	737313-93-8	737313-94-9	737313-95-0	737313-96-1
	737313-97-2	737313-98-3	737313-99-4	737314-00-0	737314-01-1
	737314-02-2	737314-03-3	737314-04-4	737314-05-5	737314-06-6
	737314-07-7	737314-08-8	737314-09-9	737314-10-2	737314-11-3
	737314-12-4	737314-13-5	737314-14-6	737314-15-7	737314-16-8
	737314-17-9	737314-18-0	737314-19-1	737314-20-4	737314-21-5
	737314-22-6	737314-23-7	737314-24-8	737314-25-9	737314-26-0
	737314-27-1	737314-28-2	737314-29-3	737314-30-6	737314-31-7
	737314-32-8	737314-33-9	737314-34-0	737314-35-1	737314-36-2
	737314-37-3	737314-38-4	737314-39-5	737314-40-8	737314-41-9
	737314-42-0	737314-43-1	737314-44-2	737314-45-3	737314-46-4
	737314-47-5	737314-48-6	737314-49-7	737314-50-0	737314-51-1
	737314-52-2	737314-53-3	737314-54-4	737314-55-5	737314-56-6
	737314-57-7	737314-58-8	737314-59-9	737314-60-2	737314-61-3
	737314-62-4	737314-63-5	737314-64-6	737314-65-7	737314-66-8
	737314-67-9	737314-68-0	737314-69-1	737314-70-4	737314-71-5
	737314-72-6	737314-73-7	737314-74-8	737314-75-9	737314-76-0
	737314-77-1	737314-78-2	737314-79-3	737314-80-6	737314-81-7
	737314-82-8	737314-83-9	737314-84-0	737314-85-1	737314-86-2
	737314-87-3	737314-88-4	737314-89-5	737314-90-8	737314-91-9
	737314-92-0	737314-93-1	737314-94-2	737314-95-3	737314-96-4
	737314-97-5	737314-98-6	737314-99-7	737315-00-3	737315-01-4
	737315-02-5	737315-03-6	737315-04-7	737315-05-8	737315-06-9
	737315-07-0	737315-08-1	737315-09-2	737315-10-5	737315-11-6
	737315-12-7	737315-13-8	737315-14-9	737315-15-0	737315-16-1
	737315-17-2	737315-18-3	737315-19-4	737315-20-7	737315-21-8
	737315-22-9	737315-23-0	737315-24-1	737315-25-2	737315-26-3
	737315-27-4	737315-28-5	737315-29-6	737315-31-0	737315-32-1
	737315-33-2	737315-34-3	737315-35-4	737315-36-5	737315-37-6
	737315-38-7	737315-39-8	737315-40-1	737315-41-2	737315-42-3
	737315-43-4	737315-44-5	737315-45-6	737315-46-7	737315-47-8
	737315-48-9	737315-49-0	737315-50-3	737315-51-4	737315-52-5
	737315-53-6	737315-54-7	737315-55-8	737315-56-9	737315-57-0
	737315-58-1	737315-59-2	737315-60-5	737315-61-6	737315-62-7
	737315-63-8	737315-64-9	737315-65-0	737315-66-1	737315-67-2
	737315-68-3	737315-69-4	737315-70-7	737315-71-8	737315-72-9
	737315-73-0	737315-74-1	737315-75-2	737315-76-3	737315-77-4
	737315-78-5	737315-79-6	737315-80-9	737315-81-0	737315-82-1
	737315-83-2	737315-84-3	737315-85-4	737315-86-5	737315-87-6
	737315-88-7	737315-89-8	737315-90-1	737315-91-2	737315-92-3

737315-93-4	737315-94-5	737315-95-6	737315-96-7	737315-97-8
737315-98-9	737315-99-0	737316-00-6	737316-01-7	737316-02-8
737316-03-9	737316-04-0	737316-05-1	737316-06-2	737316-07-3
737316-08-4	737316-09-5	737316-10-8	737316-11-9	737316-12-0
737316-13-1	737316-14-2	737316-15-3	737316-16-4	737316-17-5
737316-18-6	737316-19-7	737316-20-0	737316-21-1	737316-22-2
737316-23-3	737316-24-4	737316-25-5	737316-26-6	737316-27-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737316-28-8	737316-29-9	737316-30-2	737316-31-3	737316-32-4
	737316-33-5	737316-34-6	737316-35-7	737316-36-8	737316-37-9
	737316-38-0	737316-39-1	737316-40-4	737316-41-5	737316-42-6
	737316-43-7	737316-44-8	737316-45-9	737316-46-0	737316-47-1
	737316-48-2	737316-49-3	737316-50-6	737316-51-7	737316-52-8
	737316-53-9	737316-54-0	737316-55-1	737316-56-2	737316-57-3
	737316-58-4	737316-59-5	737316-60-8	737316-61-9	737316-62-0
	737316-63-1	737316-64-2	737316-65-3	737316-66-4	737316-67-5
	737316-68-6	737316-69-7	737316-70-0	737316-71-1	737316-72-2
	737316-73-3	737316-74-4	737316-75-5	737316-76-6	737316-77-7
	737316-78-8	737316-79-9	737316-80-2	737316-81-3	737316-82-4
	737316-83-5	737316-84-6	737316-85-7	737316-86-8	737316-87-9
	737316-88-0	737316-89-1	737316-90-4	737316-91-5	737316-92-6
	737316-93-7	737316-94-8	737316-95-9	737316-96-0	737316-97-1
	737316-98-2	737316-99-3	737317-00-9	737317-01-0	737317-02-1
	737317-03-2	737317-04-3	737317-05-4	737317-06-5	737317-07-6
	737317-08-7	737317-09-8	737317-10-1	737317-11-2	737317-12-3
	737317-13-4	737317-14-5	737317-15-6	737317-16-7	737317-17-8
	737317-18-9	737317-19-0	737317-20-3	737317-21-4	737317-22-5
	737317-23-6	737317-24-7	737317-25-8	737317-26-9	737317-27-0
	737317-28-1	737317-29-2	737317-30-5	737317-31-6	737317-32-7
	737317-33-8	737317-34-9	737317-35-0	737317-36-1	737317-37-2
	737317-38-3	737317-39-4	737317-40-7	737317-41-8	737317-42-9
	737317-43-0	737317-44-1	737317-45-2	737317-46-3	737317-47-4
	737317-48-5	737317-49-6	737317-50-9	737317-51-0	737317-52-1
	737317-53-2	737317-54-3	737317-55-4	737317-56-5	737317-57-6
	737317-58-7	737317-59-8	737317-60-1	737317-61-2	737317-62-3
	737317-63-4	737317-64-5	737317-65-6	737317-66-7	737317-67-8
	737317-68-9	737317-69-0	737317-70-3	737317-71-4	737317-72-5
	737317-73-6	737317-74-7	737317-75-8	737317-76-9	737317-77-0
	737317-78-1	737317-79-2	737317-80-5	737317-81-6	737317-82-7
	737317-83-8	737317-84-9	737317-85-0	737317-86-1	737317-87-2
	737317-88-3	737317-89-4	737317-90-7	737317-91-8	737317-92-9
	737317-93-0	737317-94-1	737317-95-2	737317-96-3	737317-97-4
	737317-98-5	737317-99-6	737318-00-2	737318-01-3	737318-02-4
	737318-03-5	737318-04-6	737318-05-7	737318-06-8	737318-07-9
	737318-08-0	737318-09-1	737318-10-4	737318-11-5	737318-12-6
	737318-13-7	737318-14-8	737318-15-9	737318-16-0	737318-17-1
	737318-18-2	737318-19-3	737318-20-6	737318-21-7	737318-22-8
	737318-23-9	737318-24-0	737318-25-1	737318-26-2	737318-27-3
	737318-28-4	737318-29-5	737318-30-8	737318-31-9	737318-32-0
	737318-33-1	737318-34-2	737318-35-3	737318-36-4	737318-37-5
	737318-38-6	737318-39-7	737318-40-0	737318-41-1	737318-42-2
	737318-43-3	737318-44-4	737318-45-5	737318-46-6	737318-47-7
	737318-48-8	737318-49-9	737318-50-2	737318-51-3	737318-52-4
	737318-53-5	737318-54-6	737318-55-7	737318-56-8	737318-57-9
	737318-58-0	737318-59-1	737318-60-4	737318-61-5	737318-62-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737318-63-7	737318-64-8	737318-65-9	737318-66-0	737318-67-1
	737318-68-2	737318-69-3	737318-70-6	737318-71-7	737318-72-8
	737318-73-9	737318-74-0	737318-75-1	737318-76-2	737318-77-3
	737318-78-4	737318-79-5	737318-80-8	737318-81-9	737318-82-0

737318-83-1	737318-84-2	737318-85-3	737318-86-4	737318-87-5
737318-88-6	737318-89-7	737318-90-0	737318-91-1	737318-92-2
737318-93-3	737318-94-4	737318-95-5	737318-96-6	737318-97-7
737318-98-8	737318-99-9	737319-00-5	737319-01-6	737319-02-7
737319-03-8	737319-04-9	737319-05-0	737319-06-1	737319-07-2
737319-08-3	737319-09-4	737319-10-7	737319-11-8	737319-12-9
737319-13-0	737319-14-1	737319-15-2	737319-16-3	737319-17-4
737319-18-5	737319-19-6	737319-20-9	737319-21-0	737319-22-1
737319-23-2	737319-24-3	737319-25-4	737319-26-5	737319-27-6
737319-28-7	737319-29-8	737319-30-1	737319-31-2	737319-32-3
737319-33-4	737319-34-5	737319-35-6	737319-36-7	737319-37-8
737319-38-9	737319-39-0	737319-40-3	737319-41-4	737319-42-5
737319-43-6	737319-44-7	737319-45-8	737319-46-9	737319-47-0
737319-48-1	737319-49-2	737319-50-5	737319-51-6	737319-52-7
737319-53-8	737319-54-9	737319-55-0	737319-56-1	737319-57-2
737319-58-3	737319-59-4	737319-60-7	737319-61-8	737319-62-9
737319-63-0	737319-64-1	737319-65-2	737319-66-3	737319-67-4
737319-68-5	737319-69-6	737319-70-9	737319-71-0	737319-72-1
737319-73-2	737319-74-3	737319-75-4	737319-76-5	737319-77-6
737319-78-7	737319-79-8	737319-80-1	737319-81-2	737319-82-3
737319-83-4	737319-84-5	737319-85-6	737319-86-7	737319-87-8
737319-88-9	737319-89-0	737319-90-3	737319-91-4	737319-92-5
737319-93-6	737319-94-7	737319-95-8	737319-96-9	737319-97-0
737319-98-1	737319-99-2	737320-00-2	737320-01-3	737320-02-4
737320-03-5	737320-04-6	737320-05-7	737320-06-8	737320-07-9
737320-08-0	737320-09-1	737320-10-4	737320-11-5	737320-12-6
737320-13-7	737320-14-8	737320-15-9	737320-16-0	737320-17-1
737320-18-2	737320-19-3	737320-20-6	737320-21-7	737320-22-8
737320-23-9	737320-24-0	737320-25-1	737320-26-2	737320-27-3
737320-28-4	737320-29-5	737320-30-8	737320-31-9	737320-32-0
737320-33-1	737320-34-2	737320-35-3	737320-36-4	737320-37-5
737320-38-6	737320-39-7	737320-40-0	737320-41-1	737320-42-2
737320-43-3	737320-44-4	737320-45-5	737320-46-6	737320-47-7
737320-48-8	737320-49-9	737320-50-2	737320-51-3	737320-52-4
737320-53-5	737320-54-6	737320-55-7	737320-56-8	737320-57-9
737320-58-0	737320-59-1	737320-60-4	737320-61-5	737320-62-6
737320-63-7	737320-64-8	737320-65-9	737320-66-0	737320-67-1
737320-68-2	737320-69-3	737320-70-6	737320-71-7	737320-72-8
737320-73-9	737320-74-0	737320-75-1	737320-76-2	737320-77-3
737320-78-4	737320-79-5	737320-80-8	737320-81-9	737320-82-0
737320-83-1	737320-84-2	737320-85-3	737320-86-4	737320-87-5
737320-88-6	737320-89-7	737320-90-0	737320-91-1	737320-92-2
737320-93-3	737320-94-4	737320-95-5	737320-96-6	737320-97-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737320-98-8	737320-99-9	737321-00-5	737321-01-6	737321-02-7
	737321-03-8	737321-04-9	737321-05-0	737321-06-1	737321-07-2
	737321-08-3	737321-09-4	737321-10-7	737321-11-8	737321-12-9
	737321-13-0	737321-14-1	737321-15-2	737321-16-3	737321-17-4
	737321-18-5	737321-19-6	737321-20-9	737321-21-0	737321-22-1
	737321-23-2	737321-24-3	737321-25-4	737321-26-5	737321-27-6
	737321-28-7	737321-29-8	737321-30-1	737321-31-2	737321-32-3
	737321-33-4	737321-34-5	737321-35-6	737321-36-7	737321-37-8
	737321-38-9	737321-39-0	737321-40-3	737321-41-4	737321-42-5
	737321-43-6	737321-44-7	737321-45-8	737321-46-9	737321-47-0
	737321-48-1	737321-49-2	737321-50-5	737321-51-6	737321-52-7
	737321-53-8	737321-54-9	737321-55-0	737321-56-1	737321-57-2
	737321-58-3	737321-59-4	737321-60-7	737321-61-8	737321-62-9
	737321-63-0	737321-64-1	737321-65-2	737321-66-3	737321-67-4
	737321-68-5	737321-69-6	737321-70-9	737321-71-0	737321-72-1
	737321-73-2	737321-74-3	737321-75-4	737321-76-5	737321-77-6
	737321-78-7	737321-79-8	737321-80-1	737321-81-2	737321-82-3
	737321-83-4	737321-84-5	737321-85-6	737321-86-7	737321-87-8
	737321-88-9	737321-89-0	737321-90-3	737321-91-4	737321-92-5

737321-93-6	737321-94-7	737321-95-8	737321-96-9	737321-97-0
737321-98-1	737321-99-2	737322-00-8	737322-01-9	737322-02-0
737322-03-1	737322-04-2	737322-05-3	737322-06-4	737322-07-5
737322-08-6	737322-09-7	737322-10-0	737322-11-1	737322-12-2
737322-13-3	737322-14-4	737322-15-5	737322-16-6	737322-17-7
737322-18-8	737322-19-9	737322-20-2	737322-21-3	737322-22-4
737322-23-5	737322-24-6	737322-25-7	737322-26-8	737322-27-9
737322-28-0	737322-29-1	737322-30-4	737322-31-5	737322-32-6
737322-33-7	737322-34-8	737322-35-9	737322-36-0	737322-37-1
737322-38-2	737322-39-3	737322-40-6	737322-41-7	737322-42-8
737322-43-9	737322-44-0	737322-45-1	737322-46-2	737322-47-3
737322-48-4	737322-49-5	737322-50-8	737322-51-9	737322-52-0
737322-53-1	737322-54-2	737322-55-3	737322-56-4	737322-57-5
737322-58-6	737322-59-7	737322-60-0	737322-61-1	737322-62-2
737322-63-3	737322-64-4	737322-65-5	737322-66-6	737322-67-7
737322-68-8	737322-69-9	737322-70-2	737322-71-3	737322-72-4
737322-73-5	737322-74-6	737322-75-7	737322-76-8	737322-77-9
737322-78-0	737322-79-1	737322-80-4	737322-81-5	737322-82-6
737322-83-7	737322-84-8	737322-85-9	737322-86-0	737322-87-1
737322-88-2	737322-89-3	737322-90-6	737322-91-7	737322-92-8
737322-93-9	737322-94-0	737322-95-1	737322-96-2	737322-97-3
737322-98-4	737322-99-5	737323-00-1	737323-01-2	737323-02-3
737323-03-4	737323-04-5	737323-05-6	737323-06-7	737323-07-8
737323-08-9	737323-09-0	737323-10-3	737323-11-4	737323-12-5
737323-13-6	737323-14-7	737323-15-8	737323-16-9	737323-17-0
737323-18-1	737323-19-2	737323-20-5	737323-21-6	737323-22-7
737323-23-8	737323-24-9	737323-25-0	737323-26-1	737323-27-2
737323-28-3	737323-29-4	737323-30-7	737323-31-8	737323-32-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737323-33-0	737323-34-1	737323-35-2	737323-36-3	737323-37-4
	737323-38-5	737323-39-6	737323-40-9	737323-41-0	737323-42-1
	737323-43-2	737323-44-3	737323-45-4	737323-46-5	737323-47-6
	737323-48-7	737323-49-8	737323-50-1	737323-51-2	737323-52-3
	737323-53-4	737323-54-5	737323-55-6	737323-56-7	737323-57-8
	737323-58-9	737323-59-0	737323-60-3	737323-61-4	737323-62-5
	737323-63-6	737323-64-7	737323-65-8	737323-66-9	737323-67-0
	737323-68-1	737323-69-2	737323-70-5	737323-71-6	737323-72-7
	737323-73-8	737323-74-9	737323-75-0	737323-76-1	737323-77-2
	737323-78-3	737323-79-4	737323-80-7	737323-81-8	737323-82-9
	737323-83-0	737323-84-1	737323-85-2	737323-86-3	737323-87-4
	737323-88-5	737323-89-6	737323-90-9	737323-91-0	737323-92-1
	737323-93-2	737323-94-3	737323-95-4	737323-96-5	737323-97-6
	737323-98-7	737323-99-8	737324-00-4	737324-01-5	737324-02-6
	737324-03-7	737324-04-8	737324-05-9	737324-06-0	737324-07-1
	737324-08-2	737324-09-3	737324-10-6	737324-11-7	737324-12-8
	737324-13-9	737324-14-0	737324-15-1	737324-16-2	737324-17-3
	737324-18-4	737324-19-5	737324-20-8	737324-21-9	
	737324-22-0	737324-23-1	737324-24-2	737324-25-3	737324-26-4
	737324-27-5	737324-28-6	737324-29-7	737324-30-0	737324-31-1
	737324-32-2	737324-33-3	737324-34-4	737324-35-5	737324-36-6
	737324-37-7	737324-38-8	737324-39-9	737324-40-2	737324-41-3
	737324-42-4	737324-43-5	737324-44-6	737324-45-7	737324-46-8
	737324-47-9	737324-48-0	737324-49-1	737324-50-4	737324-51-5
	737324-52-6	737324-53-7	737324-54-8	737324-55-9	737324-56-0
	737324-57-1	737324-58-2	737324-59-3	737324-60-6	737324-61-7
	737324-62-8	737324-63-9	737324-64-0	737324-65-1	737324-66-2
	737324-67-3	737324-68-4	737324-69-5	737324-70-8	737324-71-9
	737324-72-0	737324-73-1	737324-74-2	737324-75-3	737324-76-4
	737324-77-5	737324-78-6	737324-79-7	737324-80-0	737324-81-1
	737324-82-2	737324-83-3	737324-84-4	737324-85-5	737324-86-6
	737324-87-7	737324-88-8	737324-89-9	737324-90-2	737324-91-3
	737324-92-4	737324-93-5	737324-94-6	737324-95-7	737324-96-8
	737324-97-9	737324-98-0	737324-99-1	737325-00-7	737325-01-8

737325-02-9	737325-03-0	737325-04-1	737325-05-2	737325-06-3
737325-07-4	737325-08-5	737325-09-6	737325-10-9	737325-11-0
737325-12-1	737325-13-2	737325-14-3	737325-15-4	737325-16-5
737325-17-6	737325-18-7	737325-19-8	737325-20-1	737325-21-2
737325-22-3	737325-23-4	737325-24-5	737325-25-6	737325-26-7
737325-27-8	737325-28-9	737325-29-0	737325-30-3	737325-31-4
737325-32-5	737325-33-6	737325-34-7	737325-35-8	737325-36-9
737325-37-0	737325-38-1	737325-39-2	737325-40-5	737325-41-6
737325-42-7	737325-43-8	737325-44-9	737325-45-0	737325-46-1
737325-47-2	737325-48-3	737325-49-4	737325-50-7	737325-51-8
737325-52-9	737325-53-0	737325-54-1	737325-55-2	737325-56-3
737325-57-4	737325-58-5	737325-59-6	737325-60-9	737325-61-0
737325-62-1	737325-63-2	737325-64-3	737325-65-4	737325-66-5
737325-67-6				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737325-68-7	737325-69-8	737325-70-1	737325-71-2	737325-72-3
	737325-73-4	737325-74-5	737325-75-6	737325-76-7	737325-77-8
	737325-78-9	737325-79-0	737325-80-3	737325-81-4	737325-82-5
	737325-83-6	737325-84-7	737325-85-8	737325-86-9	737325-87-0
	737325-88-1	737325-89-2	737325-90-5	737325-91-6	737325-92-7
	737325-93-8	737325-94-9	737325-95-0	737325-96-1	737325-97-2
	737325-98-3	737325-99-4	737326-00-0	737326-01-1	737326-02-2
	737326-03-3	737326-04-4	737326-05-5	737326-06-6	737326-07-7
	737326-08-8	737326-09-9	737326-10-2	737326-11-3	737326-12-4
	737326-13-5	737326-14-6	737326-15-7	737326-16-8	737326-17-9
	737326-18-0	737326-19-1	737326-20-4	737326-21-5	737326-22-6
	737326-23-7	737326-24-8	737326-25-9	737326-26-0	737326-27-1
	737326-28-2	737326-29-3	737326-30-6	737326-31-7	737326-32-8
	737326-33-9	737326-34-0	737326-35-1	737326-36-2	737326-37-3
	737326-38-4	737326-39-5	737326-40-8	737326-41-9	737326-42-0
	737326-43-1	737326-44-2	737326-45-3	737326-46-4	737326-47-5
	737326-48-6	737326-49-7	737326-50-0	737326-51-1	737326-52-2
	737326-53-3	737326-54-4	737326-55-5	737326-56-6	737326-57-7
	737326-58-8	737326-59-9	737326-60-2	737326-61-3	737326-62-4
	737326-63-5	737326-64-6	737326-65-7	737326-66-8	737326-67-9
	737326-68-0	737326-69-1	737326-70-4	737326-71-5	737326-72-6
	737326-73-7	737326-74-8	737326-75-9	737326-76-0	737326-77-1
	737326-78-2	737326-79-3	737326-80-6	737326-81-7	737326-82-8
	737326-83-9	737326-84-0	737326-85-1	737326-86-2	737326-87-3
	737326-88-4	737326-89-5	737326-90-8	737326-91-9	737326-92-0
	737326-93-1	737326-94-2	737326-95-3	737326-96-4	737326-97-5
	737326-98-6	737326-99-7	737327-00-3	737327-01-4	737327-02-5
	737327-03-6	737327-04-7	737327-05-8	737327-06-9	737327-07-0
	737327-08-1	737327-09-2	737327-10-5	737327-11-6	737327-12-7
	737327-13-8	737327-14-9	737327-15-0	737327-16-1	737327-17-2
	737327-18-3	737327-19-4	737327-20-7	737327-21-8	737327-22-9
	737327-23-0	737327-24-1	737327-25-2	737327-26-3	737327-27-4
	737327-28-5	737327-29-6	737327-30-9	737327-31-0	737327-32-1
	737327-33-2	737327-34-3	737327-35-4	737327-36-5	737327-37-6
	737327-38-7	737327-39-8	737327-40-1	737327-41-2	737327-42-3
	737327-43-4	737327-44-5	737327-45-6	737327-46-7	737327-47-8
	737327-48-9	737327-49-0	737327-50-3	737327-51-4	737327-52-5
	737327-53-6	737327-54-7	737327-55-8	737327-56-9	737327-57-0
	737327-58-1	737327-59-2	737327-60-5	737327-61-6	737327-62-7
	737327-63-8	737327-64-9	737327-65-0	737327-66-1	737327-67-2
	737327-68-3	737327-69-4	737327-70-7	737327-71-8	737327-72-9
	737327-73-0	737327-74-1	737327-75-2	737327-76-3	737327-77-4
	737327-78-5	737327-79-6	737327-80-9	737327-81-0	737327-82-1
	737327-83-2	737327-84-3	737327-85-4	737327-86-5	737327-87-6
	737327-88-7	737327-89-8	737327-90-1	737327-91-2	737327-92-3
	737327-93-4	737327-94-5	737327-95-6	737327-96-7	737327-97-8
	737327-98-9	737327-99-0	737328-00-6	737328-01-7	737328-02-8

RL: BSU (Biological study, unclassified); BUU (Biological use,

unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and
their uses for plant improvement)

IT	737328-03-9	737328-04-0	737328-05-1	737328-06-2	737328-07-3
	737328-08-4	737328-09-5	737328-10-8	737328-11-9	737328-12-0
	737328-13-1	737328-14-2	737328-15-3	737328-16-4	737328-17-5
	737328-18-6	737328-19-7	737328-20-0	737328-21-1	737328-22-2
	737328-23-3	737328-24-4	737328-25-5	737328-26-6	737328-27-7
	737328-28-8	737328-29-9	737328-30-2	737328-31-3	737328-32-4
	737328-33-5	737328-34-6	737328-35-7	737328-36-8	737328-37-9
	737328-38-0	737328-39-1	737328-40-4	737328-41-5	737328-42-6
	737328-43-7	737328-44-8	737328-45-9	737328-46-0	737328-47-1
	737328-48-2	737328-49-3	737328-50-6	737328-51-7	737328-52-8
	737328-53-9	737328-54-0	737328-55-1	737328-56-2	737328-57-3
	737328-58-4	737328-59-5	737328-60-8	737328-61-9	737328-62-0
	737328-63-1	737328-64-2	737328-65-3	737328-66-4	737328-67-5
	737328-68-6	737328-69-7	737328-70-0	737328-71-1	737328-72-2
	737328-73-3	737328-74-4	737328-75-5	737328-76-6	737328-77-7
	737328-78-8	737328-79-9	737328-80-2	737328-81-3	737328-82-4
	737328-83-5	737328-84-6	737328-85-7	737328-86-8	737328-87-9
	737328-88-0	737328-89-1	737328-90-4	737328-91-5	737328-92-6
	737328-93-7	737328-94-8	737328-95-9	737328-96-0	737328-97-1
	737328-98-2	737328-99-3	737329-00-9	737329-01-0	737329-02-1
	737329-03-2	737329-04-3	737329-05-4	737329-06-5	737329-07-6
	737329-08-7	737329-09-8	737329-10-1	737329-11-2	737329-12-3
	737329-13-4	737329-14-5	737329-15-6	737329-16-7	737329-17-8
	737329-18-9	737329-19-0	737329-20-3	737329-21-4	737329-22-5
	737329-23-6	737329-24-7	737329-25-8	737329-26-9	737329-27-0
	737329-28-1	737329-29-2	737329-30-5	737329-31-6	737329-32-7
	737329-33-8	737329-34-9	737329-35-0	737329-36-1	737329-37-2
	737329-38-3	737329-39-4	737329-40-7	737329-41-8	737329-42-9
	737329-43-0	737329-44-1	737329-45-2	737329-46-3	737329-47-4
	737329-48-5	737329-49-6	737329-50-9	737329-51-0	737329-52-1
	737329-53-2	737329-54-3	737329-55-4	737329-56-5	737329-57-6
	737329-58-7	737329-59-8	737329-60-1	737329-61-2	737329-62-3
	737329-63-4	737329-64-5	737329-65-6	737329-66-7	737329-67-8
	737329-68-9	737329-69-0	737329-70-3	737329-71-4	737329-72-5
	737329-73-6	737329-74-7	737329-75-8	737329-76-9	737329-77-0
	737329-78-1	737329-79-2	737329-80-5	737329-81-6	737329-82-7
	737329-83-8	737329-84-9	737329-85-0	737329-86-1	737329-87-2
	737329-88-3	737329-89-4	737329-90-7	737329-91-8	737329-92-9
	737329-93-0	737329-94-1	737329-95-2	737329-96-3	737329-97-4
	737329-98-5	737329-99-6	737330-00-6	737330-01-7	737330-02-8
	737330-03-9	737330-04-0	737330-05-1	737330-06-2	737330-07-3
	737330-08-4	737330-09-5	737330-10-8	737330-11-9	737330-12-0
	737330-13-1	737330-14-2	737330-15-3	737330-16-4	737330-17-5
	737330-18-6	737330-19-7	737330-20-0	737330-21-1	737330-22-2
	737330-23-3	737330-24-4	737330-25-5	737330-26-6	737330-27-7
	737330-28-8	737330-29-9	737330-30-2	737330-31-3	737330-32-4
	737330-33-5	737330-34-6	737330-35-7	737330-36-8	737330-37-9

RL: BSU (Biological study, unclassified); BUU (Biological use,
unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and
their uses for plant improvement)

IT	737330-38-0	737330-39-1	737330-40-4	737330-41-5	737330-42-6
	737330-43-7	737330-44-8	737330-45-9	737330-46-0	737330-47-1
	737330-48-2	737330-49-3	737330-50-6	737330-51-7	737330-52-8
	737330-53-9	737330-54-0	737330-55-1	737330-56-2	737330-57-3
	737330-58-4	737330-59-5	737330-60-8	737330-61-9	737330-62-0
	737330-63-1	737330-64-2	737330-65-3	737330-66-4	737330-67-5
	737330-68-6	737330-69-7	737330-70-0	737330-71-1	737330-72-2
	737330-73-3	737330-74-4	737330-75-5	737330-76-6	737330-77-7
	737330-78-8	737330-79-9	737330-80-2	737330-81-3	737330-82-4
	737330-83-5	737330-84-6	737330-85-7	737330-86-8	737330-87-9
	737330-88-0	737330-89-1	737330-90-4	737330-91-5	737330-92-6
	737330-93-7	737330-94-8	737330-95-9	737330-96-0	737330-97-1

737330-98-2	737330-99-3	737331-00-9	737331-01-0	737331-02-1
737331-03-2	737331-04-3	737331-05-4	737331-06-5	737331-07-6
737331-08-7	737331-09-8	737331-10-1	737331-11-2	737331-12-3
737331-13-4	737331-14-5	737331-15-6	737331-16-7	737331-17-8
737331-18-9	737331-19-0	737331-20-3	737331-21-4	737331-22-5
737331-23-6	737331-24-7	737331-25-8	737331-26-9	737331-27-0
737331-28-1	737331-29-2	737331-30-5	737331-31-6	737331-32-7
737331-33-8	737331-34-9	737331-35-0	737331-36-1	737331-37-2
737331-38-3	737331-39-4	737331-40-7	737331-41-8	737331-42-9
737331-43-0	737331-44-1	737331-45-2	737331-46-3	737331-47-4
737331-48-5	737331-49-6	737331-50-9	737331-51-0	737331-52-1
737331-53-2	737331-54-3	737331-55-4	737331-56-5	737331-57-6
737331-58-7	737331-59-8	737331-60-1	737331-61-2	737331-62-3
737331-63-4	737331-64-5	737331-65-6	737331-66-7	737331-67-8
737331-68-9	737331-69-0	737331-70-3	737331-71-4	737331-72-5
737331-73-6	737331-74-7	737331-75-8	737331-76-9	737331-77-0
737331-78-1	737331-79-2	737331-80-5	737331-81-6	737331-82-7
737331-83-8	737331-84-9	737331-85-0	737331-86-1	737331-87-2
737331-88-3	737331-89-4	737331-90-7	737331-91-8	737331-92-9
737331-93-0	737331-94-1	737331-95-2	737331-96-3	737331-97-4
737331-98-5	737331-99-6	737332-00-2	737332-01-3	737332-02-4
737332-03-5	737332-04-6	737332-05-7	737332-06-8	737332-07-9
737332-08-0	737332-09-1	737332-10-4	737332-11-5	737332-12-6
737332-13-7	737332-14-8	737332-15-9	737332-16-0	737332-17-1
737332-18-2	737332-19-3	737332-20-6	737332-21-7	737332-22-8
737332-23-9	737332-24-0	737332-25-1	737332-26-2	737332-27-3
737332-28-4	737332-29-5	737332-30-8	737332-31-9	737332-32-0
737332-33-1	737332-34-2	737332-35-3	737332-36-4	737332-37-5
737332-38-6	737332-39-7	737332-40-0	737332-41-1	737332-42-2
737332-43-3	737332-44-4	737332-45-5	737332-46-6	737332-47-7
737332-48-8	737332-49-9	737332-50-2	737332-51-3	737332-52-4
737332-53-5	737332-54-6	737332-55-7	737332-56-8	737332-57-9
737332-58-0	737332-59-1	737332-60-4	737332-61-5	737332-62-6
737332-63-7	737332-64-8	737332-65-9	737332-66-0	737332-67-1
737332-68-2	737332-69-3	737332-70-6	737332-71-7	737332-72-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737332-73-9	737332-74-0	737332-75-1	737332-76-2	737332-77-3
	737332-78-4	737332-79-5	737332-80-8	737332-81-9	737332-82-0
	737332-83-1	737332-84-2	737332-85-3	737332-86-4	737332-87-5
	737332-88-6	737332-89-7	737332-90-0	737332-91-1	737332-92-2
	737332-93-3	737332-94-4	737332-95-5	737332-96-6	737332-97-7
	737332-98-8	737332-99-9	737333-00-5	737333-01-6	737333-02-7
	737333-03-8	737333-04-9	737333-05-0	737333-06-1	737333-07-2
	737333-08-3	737333-09-4	737333-10-7	737333-11-8	737333-12-9
	737333-13-0	737333-14-1	737333-15-2	737333-16-3	737333-17-4
	737333-18-5	737333-19-6	737333-20-9	737333-21-0	737333-22-1
	737333-23-2	737333-24-3	737333-25-4	737333-26-5	737333-27-6
	737333-28-7	737333-29-8	737333-30-1	737333-31-2	737333-32-3
	737333-33-4	737333-34-5	737333-35-6	737333-36-7	737333-37-8
	737333-38-9	737333-39-0	737333-40-3	737333-41-4	737333-42-5
	737333-43-6	737333-44-7	737333-45-8	737333-46-9	737333-47-0
	737333-48-1	737333-49-2	737333-50-5	737333-51-6	737333-52-7
	737333-53-8	737333-54-9	737333-55-0	737333-56-1	737333-57-2
	737333-58-3	737333-59-4	737333-60-7	737333-61-8	737333-62-9
	737333-63-0	737333-64-1	737333-65-2	737333-66-3	737333-67-4
	737333-68-5	737333-69-6	737333-70-9	737333-71-0	737333-72-1
	737333-73-2	737333-74-3	737333-75-4	737333-76-5	737333-77-6
	737333-78-7	737333-79-8	737333-80-1	737333-81-2	737333-82-3
	737333-83-4	737333-84-5	737333-85-6	737333-86-7	737333-87-8
	737333-88-9	737333-89-0	737333-90-3	737333-91-4	737333-92-5
	737333-93-6	737333-94-7	737333-95-8	737333-96-9	737333-97-0
	737333-98-1	737333-99-2	737334-00-8	737334-01-9	737334-02-0
	737334-03-1	737334-04-2	737334-05-3	737334-06-4	737334-07-5

737334-08-6	737334-09-7	737334-10-0	737334-11-1	737334-12-2
737334-13-3	737334-14-4	737334-15-5	737334-16-6	737334-17-7
737334-18-8	737334-19-9	737334-20-2	737334-21-3	737334-22-4
737334-23-5	737334-24-6	737334-25-7	737334-26-8	737334-27-9
737334-28-0	737334-29-1	737334-30-4	737334-31-5	737334-32-6
737334-33-7	737334-34-8	737334-35-9	737334-36-0	737334-37-1
737334-38-2	737334-39-3	737334-40-6	737334-41-7	737334-42-8
737334-43-9	737334-44-0	737334-45-1	737334-46-2	
737334-47-3	737334-48-4	737334-49-5	737334-50-8	737334-51-9
737334-52-0	737334-53-1	737334-54-2	737334-55-3	737334-56-4
737334-57-5	737334-58-6	737334-59-7	737334-60-0	737334-61-1
737334-62-2	737334-63-3	737334-64-4	737334-65-5	737334-66-6
737334-67-7	737334-68-8	737334-69-9	737334-70-2	737334-71-3
737334-72-4	737334-73-5	737334-74-6	737334-75-7	737334-76-8
737334-77-9	737334-78-0	737334-79-1	737334-80-4	737334-81-5
737334-82-6	737334-83-7	737334-84-8	737334-85-9	737334-86-0
737334-87-1	737334-88-2	737334-89-3	737334-90-6	737334-91-7
737334-92-8	737334-93-9	737334-94-0	737334-95-1	737334-96-2
737334-97-3	737334-98-4	737334-99-5	737335-00-1	737335-01-2
737335-02-3	737335-03-4	737335-04-5	737335-05-6	737335-06-7
737335-07-8				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737335-08-9	737335-09-0	737335-10-3	737335-11-4	737335-12-5
	737335-13-6	737335-14-7	737335-15-8	737335-16-9	737335-17-0
	737335-18-1	737335-19-2	737335-20-5	737335-21-6	737335-22-7
	737335-23-8	737335-24-9	737335-25-0	737335-26-1	737335-27-2
	737335-28-3	737335-29-4	737335-30-7	737335-31-8	737335-32-9
	737335-33-0	737335-34-1	737335-35-2	737335-36-3	737335-37-4
	737335-38-5	737335-39-6	737335-40-9	737335-41-0	737335-42-1
	737335-43-2	737335-44-3	737335-45-4	737335-46-5	737335-47-6
	737335-48-7	737335-49-8	737335-50-1	737335-51-2	737335-52-3
	737335-53-4	737335-54-5	737335-55-6	737335-56-7	737335-57-8
	737335-58-9	737335-59-0	737335-60-3	737335-61-4	737335-62-5
	737335-63-6	737335-64-7	737335-65-8	737335-66-9	737335-67-0
	737335-68-1	737335-69-2	737335-70-5	737335-71-6	737335-72-7
	737335-73-8	737335-74-9	737335-75-0	737335-76-1	737335-77-2
	737335-78-3	737335-79-4	737335-80-7	737335-81-8	737335-82-9
	737335-83-0	737335-84-1	737335-85-2	737335-86-3	737335-87-4
	737335-88-5	737335-89-6	737335-90-9	737335-91-0	737335-92-1
	737335-93-2	737335-94-3	737335-95-4	737335-96-5	737335-97-6
	737335-98-7	737335-99-8	737336-00-4	737336-01-5	737336-02-6
	737336-03-7	737336-04-8	737336-05-9	737336-06-0	737336-07-1
	737336-08-2	737336-09-3	737336-10-6	737336-11-7	737336-12-8
	737336-13-9	737336-14-0	737336-15-1	737336-16-2	737336-17-3
	737336-18-4	737336-19-5	737336-20-8	737336-21-9	737336-22-0
	737336-23-1	737336-24-2	737336-25-3	737336-26-4	737336-27-5
	737336-28-6	737336-29-7	737336-30-0	737336-31-1	737336-32-2
	737336-33-3	737336-34-4	737336-35-5	737336-36-6	737336-37-7
	737336-38-8	737336-39-9	737336-40-2	737336-41-3	737336-42-4
	737336-43-5	737336-44-6	737336-45-7	737336-46-8	737336-47-9
	737336-48-0	737336-49-1	737336-50-4	737336-51-5	737336-52-6
	737336-53-7	737336-54-8	737336-55-9	737336-56-0	737336-57-1
	737336-58-2	737336-59-3	737336-60-6	737336-61-7	737336-62-8
	737336-63-9	737336-64-0	737336-65-1	737336-66-2	737336-67-3
	737336-68-4	737336-69-5	737336-70-8	737336-71-9	737336-72-0
	737336-73-1	737336-74-2	737336-75-3	737336-76-4	737336-77-5
	737336-78-6	737336-79-7	737336-80-0	737336-81-1	737336-82-2
	737336-83-3	737336-84-4	737336-85-5	737336-86-6	737336-87-7
	737336-88-8	737336-89-9	737336-90-2	737336-91-3	737336-92-4
	737336-93-5	737336-94-6	737336-95-7	737336-96-8	737336-97-9
	737336-98-0	737336-99-1	737337-00-7	737337-01-8	737337-02-9
	737337-03-0	737337-04-1	737337-05-2	737337-06-3	737337-07-4
	737337-08-5	737337-09-6	737337-10-9	737337-11-0	737337-12-1

737337-13-2	737337-14-3	737337-15-4	737337-16-5	737337-17-6
737337-18-7	737337-19-8	737337-20-1	737337-21-2	737337-22-3
737337-23-4	737337-24-5	737337-25-6	737337-26-7	737337-27-8
737337-28-9	737337-29-0	737337-30-3	737337-31-4	737337-32-5
737337-33-6	737337-34-7	737337-35-8	737337-36-9	737337-37-0
737337-38-1	737337-39-2	737337-40-5	737337-41-6	737337-42-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737337-43-8	737337-44-9	737337-45-0	737337-46-1	737337-47-2
	737337-48-3	737337-49-4	737337-50-7	737337-51-8	737337-52-9
	737337-53-0	737337-54-1	737337-55-2	737337-56-3	737337-57-4
	737337-58-5	737337-59-6	737337-60-9	737337-61-0	737337-62-1
	737337-63-2	737337-64-3	737337-65-4	737337-66-5	737337-67-6
	737337-68-7	737337-69-8	737337-70-1	737337-71-2	737337-72-3
	737337-73-4	737337-74-5	737337-75-6	737337-76-7	737337-77-8
	737337-78-9	737337-79-0	737337-80-3	737337-81-4	737337-82-5
	737337-83-6	737337-84-7	737337-85-8	737337-86-9	737337-87-0
	737337-88-1	737337-89-2	737337-90-5	737337-91-6	737337-92-7
	737337-93-8	737337-94-9	737337-95-0	737337-96-1	737337-97-2
	737337-98-3	737337-99-4	737338-00-0	737338-01-1	737338-02-2
	737338-03-3	737338-04-4	737338-05-5	737338-06-6	737338-07-7
	737338-08-8	737338-09-9	737338-10-2	737338-11-3	737338-12-4
	737338-13-5	737338-14-6	737338-15-7	737338-16-8	
	737338-17-9	737338-18-0	737338-19-1	737338-20-4	737338-21-5
	737338-22-6	737338-23-7	737338-24-8	737338-25-9	737338-26-0
	737338-27-1	737338-28-2	737338-29-3	737338-30-6	737338-31-7
	737338-32-8	737338-33-9	737338-34-0	737338-35-1	737338-36-2
	737338-37-3	737338-38-4	737338-39-5	737338-40-8	737338-41-9
	737338-42-0	737338-43-1	737338-44-2	737338-45-3	737338-46-4
	737338-47-5	737338-48-6	737338-49-7	737338-50-0	737338-51-1
	737338-52-2	737338-53-3	737338-54-4	737338-55-5	737338-56-6
	737338-57-7	737338-58-8	737338-59-9	737338-60-2	737338-61-3
	737338-62-4	737338-63-5	737338-64-6	737338-65-7	737338-66-8
	737338-67-9	737338-68-0	737338-69-1	737338-70-4	737338-71-5
	737338-72-6	737338-73-7	737338-74-8	737338-75-9	737338-76-0
	737338-77-1	737338-78-2	737338-79-3	737338-80-6	737338-81-7
	737338-82-8	737338-83-9	737338-84-0	737338-85-1	737338-86-2
	737338-87-3	737338-88-4	737338-89-5	737338-90-8	737338-91-9
	737338-92-0	737338-93-1	737338-94-2	737338-95-3	737338-96-4
	737338-97-5	737338-98-6	737338-99-7	737339-00-3	737339-01-4
	737339-02-5	737339-03-6	737339-04-7	737339-05-8	737339-06-9
	737339-07-0	737339-08-1	737339-09-2	737339-10-5	737339-11-6
	737339-12-7	737339-13-8	737339-14-9	737339-15-0	737339-16-1
	737339-17-2	737339-18-3	737339-19-4	737339-20-7	737339-21-8
	737339-22-9	737339-23-0	737339-24-1	737339-25-2	737339-26-3
	737339-27-4	737339-28-5	737339-29-6	737339-30-9	737339-31-0
	737339-32-1	737339-33-2	737339-34-3	737339-35-4	737339-36-5
	737339-37-6	737339-38-7	737339-39-8	737339-40-1	737339-41-2
	737339-42-3	737339-43-4	737339-44-5	737339-45-6	737339-46-7
	737339-47-8	737339-48-9	737339-49-0	737339-50-3	737339-51-4
	737339-52-5	737339-53-6	737339-54-7	737339-55-8	737339-56-9
	737339-57-0	737339-58-1	737339-59-2	737339-60-5	737339-61-6
	737339-62-7	737339-63-8	737339-64-9	737339-65-0	737339-66-1
	737339-67-2	737339-68-3	737339-69-4	737339-70-7	737339-71-8
	737339-72-9	737339-73-0	737339-74-1	737339-75-2	737339-76-3
	737339-77-4				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737339-78-5	737339-79-6	737339-80-9	737339-81-0	737339-82-1
	737339-83-2	737339-84-3	737339-85-4	737339-86-5	737339-87-6
	737339-88-7	737339-89-8	737339-90-1	737339-91-2	737339-92-3
	737339-93-4	737339-94-5	737339-95-6	737339-96-7	737339-97-8

737339-98-9	737339-99-0	737340-00-0	737340-01-1	737340-02-2
737340-03-3	737340-04-4	737340-05-5	737340-06-6	737340-07-7
737340-08-8	737340-09-9	737340-10-2	737340-11-3	737340-12-4
737340-13-5	737340-14-6	737340-15-7	737340-16-8	737340-17-9
737340-18-0	737340-19-1	737340-20-4	737340-21-5	737340-22-6
737340-23-7	737340-24-8	737340-25-9	737340-26-0	737340-27-1
737340-28-2	737340-29-3	737340-30-6	737340-31-7	737340-32-8
737340-33-9	737340-34-0	737340-35-1	737340-36-2	737340-37-3
737340-38-4	737340-39-5	737340-40-8	737340-41-9	737340-42-0
737340-43-1	737340-44-2	737340-45-3	737340-46-4	737340-47-5
737340-48-6	737340-49-7	737340-50-0	737340-51-1	737340-52-2
737340-53-3	737340-54-4	737340-55-5	737340-56-6	737340-57-7
737340-58-8	737340-59-9	737340-60-2	737340-61-3	737340-62-4
737340-63-5	737340-64-6	737340-65-7	737340-66-8	737340-67-9
737340-68-0	737340-69-1	737340-70-4	737340-71-5	737340-72-6
737340-73-7	737340-74-8	737340-75-9	737340-76-0	737340-77-1
737340-78-2	737340-79-3	737340-80-6	737340-81-7	737340-82-8
737340-83-9	737340-84-0	737340-85-1	737340-86-2	737340-87-3
737340-88-4	737340-89-5	737340-90-8	737340-91-9	737340-92-0
737340-93-1	737340-94-2	737340-95-3	737340-96-4	737340-97-5
737340-98-6	737340-99-7	737341-00-3	737341-01-4	737341-02-5
737341-03-6	737341-04-7	737341-05-8	737341-06-9	737341-07-0
737341-08-1	737341-09-2	737341-10-5	737341-11-6	737341-12-7
737341-13-8	737341-14-9	737341-15-0	737341-16-1	737341-17-2
737341-18-3	737341-19-4	737341-20-7	737341-21-8	737341-22-9
737341-23-0	737341-24-1	737341-25-2	737341-26-3	737341-27-4
737341-28-5	737341-29-6	737341-30-9	737341-31-0	737341-32-1
737341-33-2	737341-34-3	737341-35-4	737341-36-5	737341-37-6
737341-38-7	737341-39-8	737341-40-1	737341-41-2	737341-42-3
737341-43-4	737341-44-5	737341-45-6	737341-46-7	737341-47-8
737341-48-9	737341-49-0	737341-50-3	737341-51-4	737341-52-5
737341-53-6	737341-54-7	737341-55-8	737341-56-9	737341-57-0
737341-58-1	737341-59-2	737341-60-5	737341-61-6	737341-62-7
737341-63-8	737341-64-9	737341-65-0	737341-66-1	737341-67-2
737341-68-3	737341-69-4	737341-70-7	737341-71-8	
737341-72-9	737341-73-0	737341-74-1	737341-75-2	737341-76-3
737341-77-4	737341-78-5	737341-79-6	737341-80-9	737341-81-0
737341-82-1	737341-83-2	737341-84-3	737341-85-4	737341-86-5
737341-87-6	737341-88-7	737341-89-8	737341-90-1	737341-91-2
737341-92-3	737341-93-4	737341-94-5	737341-95-6	737341-96-7
737341-97-8	737341-98-9	737341-99-0	737342-00-6	737342-01-7
737342-02-8	737342-03-9	737342-04-0	737342-05-1	737342-06-2
737342-07-3	737342-08-4	737342-09-5	737342-10-8	737342-11-9
737342-12-0				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737342-13-1	737342-14-2	737342-15-3	737342-16-4	737342-17-5
	737342-18-6	737342-19-7	737342-20-0	737342-21-1	737342-22-2
	737342-23-3	737342-24-4	737342-25-5	737342-26-6	737342-27-7
	737342-28-8	737342-29-9	737342-30-2	737342-31-3	737342-32-4
	737342-33-5	737342-34-6	737342-35-7	737342-36-8	737342-37-9
	737342-38-0	737342-39-1	737342-40-4	737342-41-5	737342-42-6
	737342-43-7	737342-44-8	737342-45-9	737342-46-0	737342-47-1
	737342-48-2	737342-49-3	737342-50-6	737342-51-7	737342-52-8
	737342-53-9	737342-54-0	737342-55-1	737342-56-2	737342-57-3
	737342-58-4	737342-59-5	737342-60-8	737342-61-9	737342-62-0
	737342-63-1	737342-64-2	737342-65-3	737342-66-4	737342-67-5
	737342-68-6	737342-69-7	737342-70-0	737342-71-1	737342-72-2
	737342-73-3	737342-74-4	737342-75-5	737342-76-6	737342-77-7
	737342-78-8	737342-79-9	737342-80-2	737342-81-3	737342-82-4
	737342-83-5	737342-84-6	737342-85-7	737342-86-8	737342-87-9
	737342-88-0	737342-89-1	737342-90-4	737342-91-5	737342-92-6
	737342-93-7	737342-94-8	737342-95-9	737342-96-0	737342-97-1
	737342-98-2	737342-99-3	737343-00-9	737343-01-0	737343-02-1

737343-03-2	737343-04-3	737343-05-4	737343-06-5	737343-07-6
737343-08-7	737343-09-8	737343-10-1	737343-11-2	737343-12-3
737343-13-4	737343-14-5	737343-15-6	737343-16-7	737343-17-8
737343-18-9	737343-19-0	737343-20-3	737343-21-4	737343-22-5
737343-23-6	737343-24-7	737343-25-8	737343-26-9	737343-27-0
737343-28-1	737343-29-2	737343-30-5	737343-31-6	737343-32-7
737343-33-8	737343-34-9	737343-35-0	737343-36-1	737343-37-2
737343-38-3	737343-39-4	737343-40-7	737343-41-8	737343-42-9
737343-43-0	737343-44-1	737343-45-2	737343-46-3	737343-47-4
737343-48-5	737343-49-6	737343-50-9	737343-51-0	737343-52-1
737343-53-2	737343-54-3	737343-55-4	737343-56-5	737343-57-6
737343-58-7	737343-59-8	737343-60-1	737343-61-2	737343-62-3
737343-63-4	737343-64-5	737343-65-6	737343-66-7	737343-67-8
737343-68-9	737343-69-0	737343-70-3	737343-71-4	737343-72-5
737343-73-6	737343-74-7	737343-75-8	737343-76-9	737343-77-0
737343-78-1	737343-79-2	737343-80-5	737343-81-6	737343-82-7
737343-83-8	737343-84-9	737343-85-0	737343-86-1	737343-87-2
737343-88-3	737343-89-4	737343-90-7	737343-91-8	737343-92-9
737343-93-0	737343-94-1	737343-95-2	737343-96-3	737343-97-4
737343-98-5	737343-99-6	737344-00-2	737344-01-3	737344-02-4
737344-03-5	737344-04-6	737344-05-7	737344-06-8	737344-07-9
737344-08-0	737344-09-1	737344-10-4	737344-11-5	737344-12-6
737344-13-7	737344-14-8	737344-15-9	737344-16-0	737344-17-1
737344-18-2	737344-19-3	737344-20-6	737344-21-7	737344-22-8
737344-23-9	737344-24-0	737344-25-1	737344-26-2	737344-27-3
737344-28-4	737344-29-5	737344-30-8	737344-31-9	737344-32-0
737344-33-1	737344-34-2	737344-35-3	737344-36-4	737344-37-5
737344-38-6	737344-39-7	737344-40-0	737344-41-1	737344-42-2
737344-43-3	737344-44-4	737344-45-5	737344-46-6	737344-47-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737344-48-8	737344-49-9	737344-50-2	737344-51-3	737344-52-4
	737344-53-5	737344-54-6	737344-55-7	737344-56-8	737344-57-9
	737344-58-0	737344-59-1	737344-60-4	737344-61-5	737344-62-6
	737344-63-7	737344-64-8	737344-65-9	737344-66-0	737344-67-1
	737344-68-2	737344-69-3	737344-70-6	737344-71-7	737344-72-8
	737344-73-9	737344-74-0	737344-75-1	737344-76-2	737344-77-3
	737344-78-4	737344-79-5	737344-80-8	737344-81-9	737344-82-0
	737344-83-1	737344-84-2	737344-85-3	737344-86-4	737344-87-5
	737344-88-6	737344-89-7	737344-90-0	737344-91-1	737344-92-2
	737344-93-3	737344-94-4	737344-95-5	737344-96-6	737344-97-7
	737344-98-8	737344-99-9	737345-00-5	737345-01-6	737345-02-7
	737345-03-8	737345-04-9	737345-05-0	737345-06-1	737345-07-2
	737345-08-3	737345-09-4	737345-10-7	737345-11-8	737345-12-9
	737345-13-0	737345-14-1	737345-15-2	737345-16-3	737345-17-4
	737345-18-5	737345-19-6	737345-20-9	737345-21-0	737345-22-1
	737345-23-2	737345-24-3	737345-25-4	737345-26-5	737345-27-6
	737345-28-7	737345-29-8	737345-30-1	737345-31-2	737345-32-3
	737345-33-4	737345-34-5	737345-35-6	737345-36-7	737345-37-8
	737345-38-9	737345-39-0	737345-40-3	737345-41-4	737345-42-5
	737345-43-6	737345-44-7	737345-45-8	737345-46-9	737345-47-0
	737345-48-1	737345-49-2	737345-50-5	737345-51-6	737345-52-7
	737345-53-8	737345-54-9	737345-55-0	737345-56-1	737345-57-2
	737345-58-3	737345-59-4	737345-60-7	737345-61-8	737345-62-9
	737345-63-0	737345-64-1	737345-65-2	737345-66-3	737345-67-4
	737345-68-5	737345-69-6	737345-70-9	737345-71-0	737345-72-1
	737345-73-2	737345-74-3	737345-75-4	737345-76-5	737345-77-6
	737345-78-7	737345-79-8	737345-80-1	737345-81-2	737345-82-3
	737345-83-4	737345-84-5	737345-85-6	737345-86-7	737345-87-8
	737345-88-9	737345-89-0	737345-90-3	737345-91-4	737345-92-5
	737345-93-6	737345-94-7	737345-95-8	737345-96-9	737345-97-0
	737345-98-1	737345-99-2	737346-00-8	737346-01-9	737346-02-0
	737346-03-1	737346-04-2	737346-05-3	737346-06-4	737346-07-5
	737346-08-6	737346-09-7	737346-10-0	737346-11-1	737346-12-2

737346-13-3	737346-14-4	737346-15-5	737346-16-6	737346-17-7
737346-18-8	737346-19-9	737346-20-2	737346-21-3	737346-22-4
737346-23-5	737346-24-6	737346-25-7	737346-26-8	737346-27-9
737346-28-0	737346-29-1	737346-30-4	737346-31-5	737346-32-6
737346-33-7	737346-34-8	737346-35-9	737346-36-0	737346-37-1
737346-38-2	737346-39-3	737346-40-6	737346-41-7	737346-42-8
737346-43-9	737346-44-0	737346-45-1	737346-46-2	737346-47-3
737346-48-4	737346-49-5	737346-50-8	737346-51-9	737346-52-0
737346-53-1	737346-54-2	737346-55-3	737346-56-4	737346-57-5
737346-58-6	737346-59-7	737346-60-0	737346-61-1	737346-62-2
737346-63-3	737346-64-4	737346-65-5	737346-66-6	737346-67-7
737346-68-8	737346-69-9	737346-70-2	737346-71-3	737346-72-4
737346-73-5	737346-74-6	737346-75-7	737346-76-8	737346-77-9
737346-78-0	737346-79-1	737346-80-4	737346-81-5	737346-82-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737346-83-7	737346-84-8	737346-85-9	737346-86-0	737346-87-1
	737346-88-2	737346-89-3	737346-90-6	737346-91-7	737346-92-8
	737346-93-9	737346-94-0	737346-95-1	737346-96-2	737346-97-3
	737346-98-4	737346-99-5	737347-00-1	737347-01-2	737347-02-3
	737347-03-4	737347-04-5	737347-05-6	737347-06-7	737347-07-8
	737347-08-9	737347-09-0	737347-10-3	737347-11-4	737347-12-5
	737347-13-6	737347-14-7	737347-15-8	737347-16-9	737347-17-0
	737347-18-1	737347-19-2	737347-20-5	737347-21-6	737347-22-7
	737347-23-8	737347-24-9	737347-25-0	737347-26-1	737347-27-2
	737347-28-3	737347-29-4	737347-30-7	737347-31-8	737347-32-9
	737347-33-0	737347-34-1	737347-35-2	737347-36-3	737347-37-4
	737347-38-5	737347-39-6	737347-40-9	737347-41-0	737347-42-1
	737347-43-2	737347-44-3	737347-45-4	737347-46-5	737347-47-6
	737347-48-7	737347-49-8	737347-50-1	737347-51-2	737347-52-3
	737347-53-4	737347-54-5	737347-55-6	737347-56-7	737347-57-8
	737347-58-9	737347-59-0	737347-60-3	737347-61-4	737347-62-5
	737347-63-6	737347-64-7	737347-65-8	737347-66-9	737347-67-0
	737347-68-1	737347-69-2	737347-70-5	737347-71-6	737347-72-7
	737347-73-8	737347-74-9	737347-75-0	737347-76-1	737347-77-2
	737347-78-3	737347-79-4	737347-80-7	737347-81-8	737347-82-9
	737347-83-0	737347-84-1	737347-85-2	737347-86-3	737347-87-4
	737347-88-5	737347-89-6	737347-90-9	737347-91-0	737347-92-1
	737347-93-2	737347-94-3	737347-95-4	737347-96-5	737347-97-6
	737347-98-7	737347-99-8	737348-00-4	737348-01-5	737348-02-6
	737348-03-7	737348-04-8	737348-05-9	737348-06-0	737348-07-1
	737348-08-2	737348-09-3	737348-10-6	737348-11-7	737348-12-8
	737348-13-9	737348-14-0	737348-15-1	737348-16-2	737348-17-3
	737348-18-4	737348-19-5	737348-20-8	737348-21-9	737348-22-0
	737348-23-1	737348-24-2	737348-25-3	737348-26-4	737348-27-5
	737348-28-6	737348-29-7	737348-30-0	737348-31-1	737348-32-2
	737348-33-3	737348-34-4	737348-35-5	737348-36-6	737348-37-7
	737348-38-8	737348-39-9	737348-40-2	737348-41-3	737348-42-4
	737348-43-5	737348-44-6	737348-45-7	737348-46-8	737348-47-9
	737348-48-0	737348-49-1	737348-50-4	737348-51-5	737348-52-6
	737348-53-7	737348-54-8	737348-55-9	737348-56-0	737348-57-1
	737348-58-2	737348-59-3	737348-60-6	737348-61-7	737348-62-8
	737348-63-9	737348-64-0	737348-65-1	737348-66-2	737348-67-3
	737348-68-4	737348-69-5	737348-70-8	737348-71-9	737348-72-0
	737348-73-1	737348-74-2	737348-75-3	737348-76-4	737348-77-5
	737348-78-6	737348-79-7	737348-80-0	737348-81-1	737348-82-2
	737348-83-3	737348-84-4	737348-85-5	737348-86-6	737348-87-7
	737348-88-8	737348-89-9	737348-90-2	737348-91-3	737348-92-4
	737348-93-5	737348-94-6	737348-95-7	737348-96-8	737348-97-9
	737348-98-0	737348-99-1	737349-00-7	737349-01-8	737349-02-9
	737349-03-0	737349-04-1	737349-05-2	737349-06-3	737349-07-4
	737349-08-5	737349-09-6	737349-10-9	737349-11-0	737349-12-1
	737349-13-2	737349-14-3	737349-15-4	737349-16-5	737349-17-6

RL: BSU (Biological study, unclassified); BUU (Biological use,

unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and
their uses for plant improvement)

IT	737349-18-7	737349-19-8	737349-20-1	737349-21-2	737349-22-3
	737349-23-4	737349-24-5	737349-25-6	737349-26-7	737349-27-8
	737349-28-9	737349-29-0	737349-30-3	737349-31-4	737349-32-5
	737349-33-6	737349-34-7	737349-35-8	737349-36-9	737349-37-0
	737349-38-1	737349-39-2	737349-40-5	737349-41-6	737349-42-7
	737349-43-8	737349-44-9	737349-45-0	737349-46-1	737349-47-2
	737349-48-3	737349-49-4	737349-50-7	737349-51-8	737349-52-9
	737349-53-0	737349-54-1	737349-55-2	737349-56-3	737349-57-4
	737349-58-5	737349-59-6	737349-60-9	737349-61-0	737349-62-1
	737349-63-2	737349-64-3	737349-65-4	737349-66-5	737349-67-6
	737349-68-7	737349-69-8	737349-70-1	737349-71-2	737349-72-3
	737349-73-4	737349-74-5	737349-75-6	737349-76-7	737349-77-8
	737349-78-9	737349-79-0	737349-80-3	737349-81-4	737349-82-5
	737349-83-6	737349-84-7	737349-85-8	737349-86-9	737349-87-0
	737349-88-1	737349-89-2	737349-90-5	737349-91-6	737349-92-7
	737349-93-8	737349-94-9	737349-95-0	737349-96-1	737349-97-2
	737349-98-3	737349-99-4	737350-00-4	737350-01-5	737350-02-6
	737350-03-7	737350-04-8	737350-05-9	737350-06-0	
	737350-07-1	737350-08-2	737350-09-3	737350-10-6	737350-11-7
	737350-12-8	737350-13-9	737350-14-0	737350-15-1	737350-16-2
	737350-17-3	737350-18-4	737350-19-5	737350-20-8	737350-21-9
	737350-22-0	737350-23-1	737350-24-2	737350-25-3	737350-26-4
	737350-27-5	737350-28-6	737350-29-7	737350-30-0	737350-31-1
	737350-32-2	737350-33-3	737350-34-4	737350-35-5	737350-36-6
	737350-37-7	737350-38-8	737350-39-9	737350-40-2	737350-41-3
	737350-42-4	737350-43-5	737350-44-6	737350-45-7	737350-46-8
	737350-47-9	737350-48-0	737350-49-1	737350-50-4	737350-51-5
	737350-52-6	737350-53-7	737350-54-8	737350-55-9	737350-56-0
	737350-57-1	737350-58-2	737350-59-3	737350-60-6	737350-61-7
	737350-62-8	737350-63-9	737350-64-0	737350-65-1	737350-66-2
	737350-67-3	737350-68-4	737350-69-5	737350-70-8	737350-71-9
	737350-72-0	737350-73-1	737350-74-2	737350-75-3	737350-76-4
	737350-77-5	737350-78-6	737350-79-7	737350-80-0	737350-81-1
	737350-82-2	737350-83-3	737350-84-4	737350-85-5	737350-86-6
	737350-87-7	737350-88-8	737350-89-9	737350-90-2	737350-91-3
	737350-92-4	737350-93-5	737350-94-6	737350-95-7	737350-96-8
	737350-97-9	737350-98-0	737350-99-1	737351-00-7	737351-01-8
	737351-02-9	737351-03-0	737351-04-1	737351-05-2	737351-06-3
	737351-07-4	737351-08-5	737351-09-6	737351-10-9	737351-11-0
	737351-12-1	737351-13-2	737351-14-3	737351-15-4	737351-16-5
	737351-17-6	737351-18-7	737351-19-8	737351-20-1	737351-21-2
	737351-22-3	737351-23-4	737351-24-5	737351-25-6	737351-26-7
	737351-27-8	737351-28-9	737351-29-0	737351-30-3	737351-31-4
	737351-32-5	737351-33-6	737351-34-7	737351-35-8	737351-36-9
	737351-37-0	737351-38-1	737351-39-2	737351-40-5	737351-41-6
	737351-42-7	737351-43-8	737351-44-9	737351-45-0	737351-46-1
	737351-47-2	737351-48-3	737351-49-4	737351-50-7	737351-51-8
	737351-52-9				

RL: BSU (Biological study, unclassified); BUU (Biological use,
unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and
their uses for plant improvement)

IT	737351-53-0	737351-54-1	737351-55-2	737351-56-3	737351-57-4
	737351-58-5	737351-59-6	737351-60-9	737351-61-0	737351-62-1
	737351-63-2	737351-64-3	737351-65-4	737351-66-5	737351-67-6
	737351-68-7	737351-69-8	737351-70-1	737351-71-2	737351-72-3
	737351-73-4	737351-74-5	737351-75-6	737351-76-7	737351-77-8
	737351-78-9	737351-79-0	737351-80-3	737351-81-4	737351-82-5
	737351-83-6	737351-84-7	737351-85-8	737351-86-9	737351-87-0
	737351-88-1	737351-89-2	737351-90-5	737351-91-6	737351-92-7
	737351-93-8	737351-94-9	737351-95-0	737351-96-1	737351-97-2
	737351-98-3	737351-99-4	737352-00-0	737352-01-1	737352-02-2
	737352-03-3	737352-04-4	737352-05-5	737352-06-6	737352-07-7

737352-08-8	737352-09-9	737352-10-2	737352-11-3	737352-12-4
737352-13-5	737352-14-6	737352-15-7	737352-16-8	737352-17-9
737352-18-0	737352-19-1	737352-20-4	737352-21-5	737352-22-6
737352-23-7	737352-24-8	737352-25-9	737352-26-0	737352-27-1
737352-28-2	737352-29-3	737352-30-6	737352-31-7	737352-32-8
737352-33-9	737352-34-0	737352-35-1	737352-36-2	737352-37-3
737352-38-4	737352-39-5	737352-40-8	737352-41-9	737352-42-0
737352-43-1	737352-44-2	737352-45-3	737352-46-4	737352-47-5
737352-48-6	737352-49-7	737352-50-0	737352-51-1	737352-52-2
737352-53-3	737352-54-4	737352-55-5	737352-56-6	737352-57-7
737352-58-8	737352-59-9	737352-60-2	737352-61-3	737352-62-4
737352-63-5	737352-64-6	737352-65-7	737352-66-8	737352-67-9
737352-68-0	737352-69-1	737352-70-4	737352-71-5	737352-72-6
737352-73-7	737352-74-8	737352-75-9	737352-76-0	737352-77-1
737352-78-2	737352-79-3	737352-80-6	737352-81-7	737352-82-8
737352-83-9	737352-84-0	737352-85-1	737352-86-2	737352-87-3
737352-88-4	737352-89-5	737352-90-8	737352-91-9	737352-92-0
737352-93-1	737352-94-2	737352-95-3	737352-96-4	737352-97-5
737352-98-6	737352-99-7	737353-00-3	737353-01-4	737353-02-5
737353-03-6	737353-04-7	737353-05-8	737353-06-9	737353-07-0
737353-08-1	737353-09-2	737353-10-5	737353-11-6	737353-12-7
737353-13-8	737353-14-9	737353-15-0	737353-16-1	737353-17-2
737353-18-3	737353-19-4	737353-20-7	737353-21-8	737353-22-9
737353-23-0	737353-24-1	737353-25-2	737353-26-3	737353-27-4
737353-28-5	737353-29-6	737353-30-9	737353-31-0	737353-32-1
737353-33-2	737353-34-3	737353-35-4	737353-36-5	737353-37-6
737353-38-7	737353-39-8	737353-40-1	737353-41-2	737353-42-3
737353-43-4	737353-44-5	737353-45-6	737353-46-7	737353-47-8
737353-48-9	737353-49-0	737353-50-3	737353-51-4	737353-52-5
737353-53-6	737353-54-7	737353-55-8	737353-56-9	737353-57-0
737353-58-1	737353-59-2	737353-60-5	737353-61-6	737353-62-7
737353-63-8	737353-64-9	737353-65-0	737353-66-1	737353-67-2
737353-68-3	737353-69-4	737353-70-7	737353-71-8	737353-72-9
737353-73-0	737353-74-1	737353-75-2	737353-76-3	737353-77-4
737353-78-5	737353-79-6	737353-80-9	737353-81-0	737353-82-1
737353-83-2	737353-84-3	737353-85-4	737353-86-5	737353-87-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737353-88-7	737353-89-8	737353-90-1	737353-91-2	737353-92-3
737353-93-4	737353-94-5	737353-95-6	737353-96-7	737353-97-8
737353-98-9	737353-99-0	737354-00-6	737354-01-7	737354-02-8
737354-03-9	737354-04-0	737354-05-1	737354-06-2	737354-07-3
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737354-38-0	737354-39-1	737354-40-4	737354-41-5	737354-42-6
737354-43-7	737354-44-8	737354-45-9	737354-46-0	737354-47-1
737354-48-2	737354-49-3	737354-50-6	737354-51-7	737354-52-8
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737354-63-1	737354-64-2	737354-65-3	737354-66-4	737354-67-5
737354-68-6	737354-69-7	737354-70-0	737354-71-1	737354-72-2
737354-73-3	737354-74-4	737354-75-5	737354-76-6	737354-77-7
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737354-88-0	737354-89-1	737354-90-4	737354-91-5	737354-92-6
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737354-98-2	737354-99-3	737355-00-9	737355-01-0	737355-02-1
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737355-53-2	737355-54-3	737355-55-4	737355-56-5	737355-57-6
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737355-83-8	737355-84-9	737355-85-0	737355-86-1	737355-87-2
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737355-98-5	737355-99-6	737356-00-2	737356-01-3	737356-02-4
737356-03-5	737356-04-6	737356-05-7	737356-06-8	737356-07-9
737356-08-0	737356-09-1	737356-10-4	737356-11-5	737356-12-6
737356-13-7	737356-14-8	737356-15-9	737356-16-0	737356-17-1
737356-18-2	737356-19-3	737356-20-6	737356-21-7	737356-22-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737356-23-9	737356-24-0	737356-25-1	737356-26-2	737356-27-3
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737358-68-8 737358-69-9 737358-70-2 737358-72-4 737358-73-5
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 737358-85-9 737358-86-0 737358-87-1 737358-88-2 737358-89-3
 737358-90-6 737358-91-7 737358-92-8 737358-93-9 737358-94-0
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 737359-05-6 737359-06-7 737359-07-8 737359-08-9 737359-09-0
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 737359-15-8 737359-16-9 737359-17-0 737359-18-1 737359-19-2
 737359-20-5 737359-21-6 737359-22-7 737359-23-8 737359-24-9
 737359-25-0 737359-26-1 737359-27-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 9005-53-2, Lignin, biological studies 11078-30-1, Galactomannan
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737319-82-3 737324-21-9 737334-46-2
 737338-13-5 737341-68-3 737350-06-0
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

RN 737319-82-3 HCAPLUS

CN Protein (Oryza sativa clone PAT_MRT4530_87417C.1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 HEGVICALIE DGYTLNSYSS LAITNISKVL STMLAFACAF IPCALGMMNN
 51 RIIDYHPGQH TGTGFTSPLL VTCLMECLPW SS

RN 737324-21-9 HCAPLUS

CN Protein (Oryza sativa clone PAT_MRT4530_87814C.1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 MAFRHWRLVC YCYPCCCLLA RDERFKNVKN LVELSTMLVA TKKHTAYEFV
 51 YKLLKLVLIL PVATASVERV FSSMNYVKNK LRNRMGEOYL NXCLVTFLER
 101 DLFVQVTDDD IIXRFQAMAT RKVKL

RN 737334-46-2 HCAPLUS

CN Protein (Oryza sativa clone PAT_MRT4530_88749C.1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 MAAVAAVFLA FVLCFYIFVC AKRYRGGAPP AEGGVAARLW FLLGGGGGGG
 51 GAAGSGDAAW CYDGGLEAS MAKLPCRUVG KGEEAVDCAV CITELAAGET
 101 ARVLPRCGHG FHVACVDMWL KSHSTCPLCR CPAVDEPPPA APPPVVAPPE
 151 ADPESPNFPT NVLFFGSQDE LLRIEKKLVD LGGKIVELAA SMVLQSSWPN
 201 KQQTAKPATS KNWRNGDSPA NHLQITSSSD LLCDATGKYI FFVRRKFRYS
 251 AFTKSKDSFL IHMLRSCCME MFQFQSHPD ERMILAIWGL KLTSATDIKY
 301 LLRWVWTIID TNRDEQLVAE M

RN 737338-13-5 HCAPLUS
 CN Protein (Oryza sativa clone PAT_MRT4530_89083C.1.pep fragment) (9CI) (CA
 INDEX NAME)

SEQ 1 MDIKGFGQHR KMQLSELEEW RDKAYHNAKI YKDKTKRWHK KRIKHKEFKA
 51 REKVLLFNSR VKLFGHGKLO SKLMGPYTVV DASSHGAVTL SHNEGNIFKI
 101 IKLKLGIKVL EFIVYLKIIC MPIILCSLLV TCGDISNRDP MLSTRYFKEKT
 151 QQSCEETHFR PIRREHMDWR AHKTGATVME RVIIAITANR AHQSVTLPPK
 201 NPGGGAQGSV EPPQAPFIPA FHVYASDAFP MTVEGVLVIS HSCNRHMEAI
 251 NRAPLTHSQH TTLS

RN 737341-68-3 HCAPLUS
 CN Protein (Oryza sativa clone PAT_MRT4530_89403C.1.pep fragment) (9CI) (CA
 INDEX NAME)

SEQ 1 LEKWQKSIAR RVHSLRCKVA TTLLPRNSTN RRGAKTAAAF TPFKQAGLTL
 51 AINYFAFLCF LIVLCIRLRS SYSWA

RN 737350-06-0 HCAPLUS
 CN Protein (Oryza sativa clone PAT_MRT4530_90166C.1.pep fragment) (9CI) (CA
 INDEX NAME)

SEQ 1 LHIPKSYLGV KVFHGIKGTG KGRRRASNLI ANTPTKVYEA GVCRADLPGG
 51 LVESLDYDLV GIACFSYSLC NLTRGLNQYN PCLLSALMSY YVDPCSNVPR
 101 YSMH

L12 ANSWER 17 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:663852 HCAPLUS
 DN 141:186007
 ED Entered STN: 16 Aug 2004
 TI Rice nucleic acid molecules and encoded proteins and their uses for plant
 improvement
 IN La Rosa, Thomas J.; Kovalic, David K.; Zhou, Yihua; Cao, Yongwei; Wu, Wei;
 Boukharov, Andrey A.; Barbazuk, Brad W.
 PA USA
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 837,604.
 CODEN: USXXCO
 DT Patent
 LA English
 IC A01H001-00; C12N015-82; C07H021-04; C12N009-24; C12N005-04
 INCL 800278000; 435069100; 435200000; 435201000; 435419000; 536023200
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 11
 FAN.CNT 27
 PATENT NO. KIND DATE APPLICATION NO. DATE

Search done by Noble Jarrell

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PI    US 2004123343      A1    20040624      US 2003-437963      20030514 <--
      US 2004123343      A1    20040624      US 2003-437963      20030514 <--
PRAI  US 2000-197872P    P      20000419      <--
      US 2001-837604      A2    20010418
      US 2003-437963      A      20030514

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CLASS

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PATENT NO.      CLASS  PATENT FAMILY CLASSIFICATION CODES
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US 2004123343   IC      A01H001-00IC      C12N015-82IC      C07H021-04IC
                  C12N009-24IC      C12N005-04
                  INCL      800278000; 435069100; 435200000; 435201000; 435419000;
                  536023200
US 2004123343   NCL      800/278.000      <--
US 2004123343   NCL      800/278.000
                  ECLA      C07K014/415      <--

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AB The present invention provides 102,483 cDNA sequences and their encoded protein sequences from rice (*Oryza sativa*). Bioinformatic anal. identified putative functions and uses for the nucleic acids/polypeptides. The disclosed polynucleotides and polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of forty-one records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.].

ST rice cDNA protein sequence plant transformation

IT Stress, plant

(cold, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Stress, plant

(heat, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Recombination, genetic

(homologous; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Fats and Glyceridic oils, biological studies

Growth regulators, plant

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Pathogen

(improved tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Carbohydrates, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Stress, plant

(osmotic, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Cell cycle

Disease resistance, plant

Growth and development, plant

Herbicides

Oryza sativa

Photosynthesis, biological

Protein sequences

Transformation, genetic

cDNA library

cDNA sequences

(rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Transcription factors

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Proteins

cDNA

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

- IT Embryophyta
(transgenic; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT 737259-41-5, Protein (Oryza sativa clone x fragment) 737259-42-6, Protein (Oryza sativa clone x fragment) 737259-43-7, Protein (Oryza sativa clone x fragment) 737259-44-8, Protein (Oryza sativa clone x fragment) 737259-45-9, Protein (Oryza sativa clone x fragment) 737259-46-0, Protein (Oryza sativa clone x fragment) 737259-47-1, Protein (Oryza sativa clone x fragment) 737259-48-2, Protein (Oryza sativa clone x fragment) 737259-49-3, Protein (Oryza sativa clone x fragment) 737259-50-6, Protein (Oryza sativa clone x fragment) 737259-51-7, Protein (Oryza sativa clone x fragment) 737259-52-8, Protein (Oryza sativa clone x fragment) 737259-53-9, Protein (Oryza sativa clone x fragment) 737259-54-0, Protein (Oryza sativa clone x fragment) 737259-55-1, Protein (Oryza sativa clone x fragment) 737259-56-2, Protein (Oryza sativa clone x fragment) 737259-57-3, Protein (Oryza sativa clone x fragment) 737259-58-4, Protein (Oryza sativa clone x fragment) 737259-59-5, Protein (Oryza sativa clone x fragment) 737259-60-8, Protein (Oryza sativa clone x fragment) 737259-61-9, Protein (Oryza sativa clone x fragment) 737259-62-0, Protein (Oryza sativa clone x fragment) 737259-63-1, Protein (Oryza sativa clone x fragment) 737259-64-2, Protein (Oryza sativa clone x fragment) 737259-65-3, Protein (Oryza sativa clone x fragment) 737259-66-4, Protein (Oryza sativa clone x fragment) 737259-67-5, Protein (Oryza sativa clone x fragment) 737259-68-6, Protein (Oryza sativa clone x fragment) 737259-69-7, Protein (Oryza sativa clone x fragment) 737259-70-0, Protein (Oryza sativa clone x fragment) 737259-71-1, Protein (Oryza sativa clone x fragment) 737259-72-2, Protein (Oryza sativa clone x fragment) 737259-73-3, Protein (Oryza sativa clone x fragment) 737259-74-4, Protein (Oryza sativa clone x fragment) 737259-75-5, Protein (Oryza sativa clone x fragment) 737259-76-6, Protein (Oryza sativa clone x fragment) 737259-77-7, Protein (Oryza sativa clone x fragment) 737259-78-8, Protein (Oryza sativa clone x fragment) 737259-79-9, Protein (Oryza sativa clone x fragment) 737259-80-2, Protein (Oryza sativa clone x fragment) 737259-81-3, Protein (Oryza sativa clone x fragment) 737259-82-4, Protein (Oryza sativa clone x fragment) 737259-83-5, Protein (Oryza sativa clone x fragment) 737259-84-6, Protein (Oryza sativa clone x fragment) 737259-85-7, Protein (Oryza sativa clone x fragment) 737259-86-8, Protein (Oryza sativa clone x fragment) 737259-87-9, Protein (Oryza sativa clone x fragment) 737259-88-0, Protein (Oryza sativa clone x fragment) 737259-89-1, Protein (Oryza sativa clone x fragment) 737259-90-4, Protein (Oryza sativa clone x fragment) 737259-91-5, Protein (Oryza sativa clone x fragment) 737259-92-6, Protein (Oryza sativa clone x fragment) 737259-93-7, Protein (Oryza sativa clone x fragment) 737259-94-8, Protein (Oryza sativa clone x fragment) 737259-95-9, Protein (Oryza sativa clone x fragment) 737259-96-0, Protein (Oryza sativa clone x fragment) 737259-97-1, Protein (Oryza sativa clone x fragment) 737259-98-2, Protein (Oryza sativa clone x fragment) 737259-99-3, Protein (Oryza sativa clone x fragment) 737260-00-3, Protein (Oryza sativa clone x fragment) 737260-01-4, Protein (Oryza sativa clone x fragment) 737260-02-5, Protein (Oryza sativa clone x fragment) 737260-03-6, Protein (Oryza sativa clone x fragment) 737260-04-7, Protein (Oryza sativa clone x fragment) 737260-05-8, Protein (Oryza sativa clone x fragment) 737260-06-9, Protein (Oryza sativa clone x fragment) 737260-07-0, Protein (Oryza sativa clone x fragment) 737260-08-1, Protein (Oryza sativa clone x fragment) 737260-09-2, Protein (Oryza sativa clone x fragment) 737260-10-5, Protein (Oryza sativa clone x fragment) 737260-11-6, Protein (Oryza sativa clone x fragment) 737260-12-7, Protein (Oryza sativa clone x fragment) 737260-13-8, Protein (Oryza sativa clone x fragment) 737260-14-9, Protein (Oryza sativa clone x fragment) 737260-15-0, Protein (Oryza sativa clone x fragment) 737260-16-1, Protein (Oryza sativa clone x fragment) 737260-17-2, Protein (Oryza sativa clone x fragment) 737260-18-3, Protein (Oryza sativa clone x fragment) 737260-19-4, Protein (Oryza sativa clone x fragment) 737260-20-7, Protein (Oryza sativa clone x fragment) 737260-21-8, Protein (Oryza sativa clone x fragment)

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fragment) 737261-07-3, Protein (Oryza sativa clone x fragment)
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 737261-28-8, Protein (Oryza sativa clone x fragment) 737261-29-9,
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 sativa clone x fragment) 737261-31-3 737261-32-4, Protein (Oryza
 sativa clone x fragment) 737261-33-5, Protein (Oryza sativa clone x
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 737261-35-7, Protein (Oryza sativa clone x fragment) 737261-36-8,
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 sativa clone x fragment) 737261-38-0, Protein (Oryza sativa clone x
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 737261-40-4, Protein (Oryza sativa clone x fragment) 737261-41-5,
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 sativa clone x fragment) 737261-43-7, Protein (Oryza sativa clone x
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 737261-45-9, Protein (Oryza sativa clone x fragment) 737261-46-0,
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 737261-50-6, Protein (Oryza sativa clone x fragment) 737261-51-7,
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 737261-55-1, Protein (Oryza sativa clone x fragment) 737261-56-2,
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 sativa clone x fragment) 737261-58-4, Protein (Oryza sativa clone x
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 737261-60-8, Protein (Oryza sativa clone x fragment) 737261-61-9,
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 737261-65-3, Protein (Oryza sativa clone x fragment) 737261-66-4
 737261-67-5, Protein (Oryza sativa clone x fragment) 737261-68-6,
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 737261-72-2, Protein (Oryza sativa clone x fragment) 737261-73-3,
 Protein (Oryza sativa clone x fragment) 737261-74-4, Protein (Oryza
 sativa clone x fragment) 737261-75-5, Protein (Oryza sativa clone x
 fragment)

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT 737261-76-6, Protein (Oryza sativa clone x fragment) 737261-77-7,
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 sativa clone x fragment) 737261-81-3, Protein (Oryza sativa clone x
 fragment) 737261-82-4, Protein (Oryza sativa clone x fragment)
 737261-83-5, Protein (Oryza sativa clone x fragment) 737261-84-6,
 Protein (Oryza sativa clone x fragment) 737261-85-7, Protein (Oryza

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[illegible]

fragment) 737263-59-1, Protein (Oryza sativa clone x fragment)
 737263-60-4, Protein (Oryza sativa clone x fragment) 737263-61-5
 737263-62-6, Protein (Oryza sativa clone x fragment) 737263-63-7,
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 sativa clone x fragment) 737263-65-9, Protein (Oryza sativa clone x
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 737263-67-1, Protein (Oryza sativa clone x fragment) 737263-68-2,
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 737263-87-5, Protein (Oryza sativa clone x fragment) 737263-88-6,
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 sativa clone x fragment) 737263-90-0, Protein (Oryza sativa clone x
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 737263-92-2, Protein (Oryza sativa clone x fragment) 737263-93-3,
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 sativa clone x fragment) 737263-95-5, Protein (Oryza sativa clone x
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 737263-97-7, Protein (Oryza sativa clone x fragment) 737263-98-8,
 Protein (Oryza sativa clone x fragment) 737263-99-9, Protein (Oryza
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 737264-02-7, Protein (Oryza sativa clone x fragment) 737264-03-8,
 Protein (Oryza sativa clone x fragment) 737264-04-9, Protein (Oryza
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 737264-07-2, Protein (Oryza sativa clone x fragment) 737264-08-3,
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 sativa clone x fragment) 737264-10-7, Protein (Oryza sativa clone x
 fragment)

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 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT 737264-11-8, Protein (Oryza sativa clone x fragment) 737264-12-9,
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 sativa clone x fragment) 737264-19-6, Protein (Oryza sativa clone x
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 sativa clone x fragment) 737264-24-3, Protein (Oryza sativa clone x
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 737264-26-5, Protein (Oryza sativa clone x fragment) 737264-27-6,
 Protein (Oryza sativa clone x fragment) 737264-28-7, Protein (Oryza
 sativa clone x fragment) 737264-29-8, Protein (Oryza sativa clone x
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 737264-31-2 737264-32-3, Protein (Oryza sativa clone x fragment)
 737264-33-4, Protein (Oryza sativa clone x fragment) 737264-34-5,
 Protein (Oryza sativa clone x fragment) 737264-35-6 737264-36-7
 737264-37-8, Protein (Oryza sativa clone x fragment) 737264-38-9,

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fragment) 737266-11-4, Protein (Oryza sativa clone x fragment)
 737266-12-5, Protein (Oryza sativa clone x fragment) 737266-13-6,
 Protein (Oryza sativa clone x fragment) 737266-14-7, Protein (Oryza
 sativa clone x fragment) 737266-15-8, Protein (Oryza sativa clone x
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 737266-17-0, Protein (Oryza sativa clone x fragment) 737266-18-1,
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 sativa clone x fragment) 737266-20-5, Protein (Oryza sativa clone x
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 sativa clone x fragment) 737266-32-9, Protein (Oryza sativa clone x
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 737266-34-1, Protein (Oryza sativa clone x fragment) 737266-35-2,
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 737266-39-6, Protein (Oryza sativa clone x fragment) 737266-40-9,
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 sativa clone x fragment) 737266-42-1, Protein (Oryza sativa clone x
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 fragment) 737266-45-4, Protein (Oryza sativa clone x fragment)
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IT 737266-46-5, Protein (Oryza sativa clone x fragment) 737266-47-6,
 Protein (Oryza sativa clone x fragment) 737266-48-7, Protein (Oryza
 sativa clone x fragment) 737266-49-8, Protein (Oryza sativa clone x
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 737266-51-2, Protein (Oryza sativa clone x fragment) 737266-52-3,
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 sativa clone x fragment) 737266-54-5 737266-55-6, Protein (Oryza
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 737266-58-9, Protein (Oryza sativa clone x fragment) 737266-59-0,
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 sativa clone x fragment) 737266-61-4, Protein (Oryza sativa clone x
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 737266-63-6, Protein (Oryza sativa clone x fragment) 737266-64-7,
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 737266-68-1, Protein (Oryza sativa clone x fragment) 737266-69-2,
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 sativa clone x fragment) 737266-71-6, Protein (Oryza sativa clone x
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 737266-73-8, Protein (Oryza sativa clone x fragment) 737266-74-9,
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 sativa clone x fragment) 737266-76-1, Protein (Oryza sativa clone x
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 737266-78-3, Protein (Oryza sativa clone x fragment) 737266-79-4,
 Protein (Oryza sativa clone x fragment) 737266-80-7, Protein (Oryza
 sativa clone x fragment) 737266-81-8, Protein (Oryza sativa clone x
 fragment) 737266-82-9, Protein (Oryza sativa clone x fragment)
 737266-83-0, Protein (Oryza sativa clone x fragment) 737266-84-1,
 Protein (Oryza sativa clone x fragment) 737266-85-2, Protein (Oryza
 sativa clone x fragment) 737266-86-3, Protein (Oryza sativa clone x
 fragment) 737266-87-4, Protein (Oryza sativa clone x fragment)
 737266-88-5, Protein (Oryza sativa clone x fragment) 737266-89-6,
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737268-67-6, Protein (Oryza sativa clone x fragment) 737268-68-7,
 Protein (Oryza sativa clone x fragment) 737268-69-8, Protein (Oryza
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 737268-72-3, Protein (Oryza sativa clone x fragment) 737268-73-4,
 Protein (Oryza sativa clone x fragment) 737268-74-5, Protein (Oryza
 sativa clone x fragment) 737268-75-6, Protein (Oryza sativa clone x
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 737268-77-8, Protein (Oryza sativa clone x fragment) 737268-78-9,
 Protein (Oryza sativa clone x fragment) 737268-79-0, Protein (Oryza
 sativa clone x fragment) 737268-80-3, Protein (Oryza sativa clone x
 fragment)

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IT 737268-81-4, Protein (Oryza sativa clone x fragment) 737268-82-5,
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 737268-88-1, Protein (Oryza sativa clone x fragment) 737268-89-2,
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 sativa clone x fragment) 737268-91-6, Protein (Oryza sativa clone x
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 737268-93-8, Protein (Oryza sativa clone x fragment) 737268-94-9,
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 sativa clone x fragment) 737269-01-1, Protein (Oryza sativa clone x
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 737269-03-3, Protein (Oryza sativa clone x fragment) 737269-04-4,
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 sativa clone x fragment) 737269-06-6, Protein (Oryza sativa clone x
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 737269-08-8, Protein (Oryza sativa clone x fragment) 737269-09-9,
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 737269-33-9, Protein (Oryza sativa clone x fragment) 737269-34-0,
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 737269-38-4, Protein (Oryza sativa clone x fragment) 737269-39-5,
 Protein (Oryza sativa clone x fragment) 737269-40-8, Protein (Oryza
 sativa clone x fragment) 737269-41-9, Protein (Oryza sativa clone x
 fragment) 737269-42-0, Protein (Oryza sativa clone x fragment)
 737269-43-1 737269-44-2, Protein (Oryza sativa clone x fragment)

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IT 737271-16-8, Protein (Oryza sativa clone x fragment) 737271-17-9, Protein (Oryza sativa clone x fragment) 737271-18-0, Protein (Oryza sativa clone x fragment) 737271-19-1, Protein (Oryza sativa clone x fragment) 737271-20-4, Protein (Oryza sativa clone x fragment) 737271-21-5, Protein (Oryza sativa clone x fragment) 737271-22-6, Protein (Oryza sativa clone x fragment) 737271-23-7, Protein (Oryza sativa clone x fragment) 737271-24-8, Protein (Oryza sativa clone x fragment) 737271-25-9, Protein (Oryza sativa clone x fragment) 737271-26-0, Protein (Oryza sativa clone x fragment) 737271-27-1, Protein (Oryza sativa clone x fragment) 737271-28-2, Protein (Oryza sativa clone x fragment) 737271-29-3, Protein (Oryza sativa clone x fragment) 737271-30-6, Protein (Oryza sativa clone x fragment) 737271-31-7, Protein (Oryza sativa clone x fragment) 737271-32-8, Protein (Oryza sativa clone x fragment) 737271-33-9, Protein (Oryza sativa clone x fragment) 737271-34-0, Protein (Oryza sativa clone x fragment) 737271-35-1, Protein (Oryza sativa clone x fragment) 737271-36-2, Protein (Oryza sativa clone x fragment) 737271-37-3, Protein (Oryza sativa clone x fragment) 737271-38-4, Protein (Oryza sativa clone x fragment) 737271-39-5, Protein (Oryza sativa clone x fragment) 737271-40-8, Protein (Oryza sativa clone x fragment) 737271-41-9, Protein (Oryza sativa clone x fragment) 737271-42-0, Protein (Oryza sativa clone x fragment) 737271-43-1, Protein (Oryza sativa clone x fragment) 737271-44-2, Protein (Oryza sativa clone x fragment) 737271-45-3, Protein (Oryza sativa clone x fragment) 737271-46-4, Protein (Oryza sativa clone x fragment) 737271-47-5, Protein (Oryza sativa clone x fragment) 737271-48-6, Protein (Oryza sativa clone x fragment) 737271-49-7, Protein (Oryza sativa clone x fragment) 737271-50-0, Protein (Oryza sativa clone x fragment) 737271-51-1, Protein (Oryza sativa clone x fragment) 737271-52-2, Protein (Oryza sativa clone x fragment) 737271-53-3, Protein (Oryza sativa clone x fragment) 737271-54-4, Protein (Oryza sativa clone x fragment) 737271-55-5, Protein (Oryza sativa clone x fragment) 737271-56-6, Protein (Oryza sativa clone x fragment) 737271-57-7, Protein (Oryza sativa clone x fragment) 737271-58-8, Protein (Oryza sativa clone x fragment) 737271-59-9, Protein (Oryza sativa clone x fragment) 737271-60-2, Protein (Oryza sativa clone x fragment) 737271-61-3, Protein (Oryza sativa clone x fragment) 737271-62-4, Protein (Oryza sativa clone x fragment) 737271-63-5, Protein (Oryza sativa clone x fragment) 737271-64-6, Protein (Oryza sativa clone x fragment) 737271-65-7, Protein (Oryza sativa clone x fragment) 737271-66-8, Protein (Oryza sativa clone x fragment) 737271-67-9, Protein (Oryza sativa clone x fragment) 737271-68-0, Protein (Oryza sativa clone x fragment) 737271-69-1, Protein (Oryza sativa clone x fragment) 737271-70-4, Protein (Oryza sativa clone x fragment) 737271-71-5, Protein (Oryza sativa clone x fragment) 737271-72-6, Protein (Oryza sativa clone x fragment) 737271-73-7, Protein (Oryza sativa clone x fragment) 737271-74-8, Protein (Oryza sativa clone x fragment) 737271-75-9, Protein (Oryza sativa clone x fragment) 737271-76-0, Protein (Oryza sativa clone x fragment) 737271-77-1, Protein (Oryza sativa clone x fragment) 737271-78-2, Protein (Oryza sativa clone x fragment) 737271-79-3, Protein (Oryza sativa clone x fragment) 737271-80-6, Protein (Oryza sativa clone x fragment) 737271-81-7, Protein (Oryza sativa clone x fragment) 737271-82-8, Protein (Oryza sativa clone x fragment) 737271-83-9, Protein (Oryza sativa clone x fragment) 737271-84-0, Protein (Oryza sativa clone x fragment) 737271-85-1, Protein (Oryza sativa clone x fragment) 737271-86-2, Protein (Oryza sativa clone x fragment) 737271-87-3, Protein (Oryza sativa clone x fragment) 737271-88-4, Protein (Oryza sativa clone x fragment) 737271-89-5, Protein (Oryza sativa clone x fragment) 737271-90-8, Protein (Oryza sativa clone x fragment) 737271-91-9, Protein (Oryza sativa clone x fragment) 737271-92-0, Protein (Oryza sativa clone x fragment) 737271-93-1, Protein (Oryza sativa clone x fragment) 737271-94-2, Protein (Oryza sativa clone x fragment) 737271-95-3, Protein (Oryza sativa clone x fragment) 737271-96-4, Protein (Oryza sativa clone x fragment) 737271-97-5, Protein (Oryza

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Protein (Oryza sativa clone x fragment) 737272-89-8, Protein (Oryza sativa clone x fragment) 737272-90-1, Protein (Oryza sativa clone x fragment) 737272-91-2, Protein (Oryza sativa clone x fragment) 737272-92-3, Protein (Oryza sativa clone x fragment) 737272-93-4, Protein (Oryza sativa clone x fragment) 737272-94-5, Protein (Oryza sativa clone x fragment) 737272-95-6, Protein (Oryza sativa clone x fragment) 737272-96-7, Protein (Oryza sativa clone x fragment) 737272-97-8, Protein (Oryza sativa clone x fragment) 737272-98-9, Protein (Oryza sativa clone x fragment) 737272-99-0, Protein (Oryza sativa clone x fragment) 737273-00-6, Protein (Oryza sativa clone x fragment) 737273-01-7, Protein (Oryza sativa clone x fragment) 737273-02-8, Protein (Oryza sativa clone x fragment) 737273-03-9, Protein (Oryza sativa clone x fragment) 737273-04-0, Protein (Oryza sativa clone x fragment) 737273-05-1, Protein (Oryza sativa clone x fragment) 737273-06-2, Protein (Oryza sativa clone x fragment) 737273-07-3, Protein (Oryza sativa clone x fragment) 737273-08-4, Protein (Oryza sativa clone x fragment) 737273-09-5, Protein (Oryza sativa clone x fragment) 737273-10-8, Protein (Oryza sativa clone x fragment) 737273-11-9, Protein (Oryza sativa clone x fragment) 737273-12-0, Protein (Oryza sativa clone x fragment) 737273-13-1, Protein (Oryza sativa clone x fragment) 737273-14-2, Protein (Oryza sativa clone x fragment) 737273-15-3, Protein (Oryza sativa clone x fragment) 737273-16-4, Protein (Oryza sativa clone x fragment) 737273-17-5, Protein (Oryza sativa clone x fragment) 737273-18-6, Protein (Oryza sativa clone x fragment) 737273-19-7, Protein (Oryza sativa clone x fragment) 737273-20-0, Protein (Oryza sativa clone x fragment) 737273-21-1, Protein (Oryza sativa clone x fragment) 737273-22-2, Protein (Oryza sativa clone x fragment) 737273-23-3, Protein (Oryza sativa clone x fragment) 737273-24-4, Protein (Oryza sativa clone x fragment) 737273-25-5, Protein (Oryza sativa clone x fragment) 737273-26-6, Protein (Oryza sativa clone x fragment) 737273-27-7, Protein (Oryza sativa clone x fragment) 737273-28-8, Protein (Oryza sativa clone x fragment) 737273-29-9, Protein (Oryza sativa clone x fragment) 737273-30-2, Protein (Oryza sativa clone x fragment) 737273-31-3, Protein (Oryza sativa clone x fragment) 737273-32-4, Protein (Oryza sativa clone x fragment) 737273-33-5, Protein (Oryza sativa clone x fragment) 737273-34-6, Protein (Oryza sativa clone x fragment) 737273-35-7, Protein (Oryza sativa clone x fragment) 737273-36-8, Protein (Oryza sativa clone x fragment) 737273-37-9, Protein (Oryza sativa clone x fragment) 737273-38-0, Protein (Oryza sativa clone x fragment) 737273-39-1, Protein (Oryza sativa clone x fragment) 737273-40-4, Protein (Oryza sativa clone x fragment) 737273-41-5, Protein (Oryza sativa clone x fragment) 737273-42-6, Protein (Oryza sativa clone x fragment) 737273-43-7, Protein (Oryza sativa clone x fragment) 737273-44-8, Protein (Oryza sativa clone x fragment) 737273-45-9, Protein (Oryza sativa clone x fragment) 737273-46-0, Protein (Oryza sativa clone x fragment) 737273-47-1, Protein (Oryza sativa clone x fragment) 737273-48-2, Protein (Oryza sativa clone x fragment) 737273-49-3, Protein (Oryza sativa clone x fragment) 737273-50-6, Protein (Oryza sativa clone x fragment)

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737273-51-7, Protein (Oryza sativa clone x fragment) 737273-52-8, Protein (Oryza sativa clone x fragment) 737273-53-9, Protein (Oryza sativa clone x fragment) 737273-54-0, Protein (Oryza sativa clone x fragment) 737273-55-1, Protein (Oryza sativa clone x fragment) 737273-56-2, Protein (Oryza sativa clone x fragment) 737273-57-3, Protein (Oryza sativa clone x fragment) 737273-58-4, Protein (Oryza sativa clone x fragment) 737273-59-5, Protein (Oryza sativa clone x fragment) 737273-60-8, Protein (Oryza sativa clone x fragment) 737273-61-9, Protein (Oryza sativa clone x fragment) 737273-62-0, Protein (Oryza sativa clone x fragment) 737273-63-1, Protein (Oryza sativa clone x fragment) 737273-64-2, Protein (Oryza sativa clone x fragment) 737273-65-3, Protein (Oryza sativa clone x fragment) 737273-66-4, Protein (Oryza sativa clone x fragment) 737273-67-5, Protein (Oryza sativa clone x fragment) 737273-68-6, Protein (Oryza sativa clone x fragment) 737273-69-7, Protein (Oryza sativa clone x fragment)

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IT 737275-86-4, Protein (Oryza sativa clone x fragment) 737275-87-5, Protein (Oryza sativa clone x fragment) 737275-88-6, Protein (Oryza sativa clone x fragment) 737275-89-7, Protein (Oryza sativa clone x fragment) 737275-90-0, Protein (Oryza sativa clone x fragment) 737275-91-1, Protein (Oryza sativa clone x fragment) 737275-92-2, Protein (Oryza sativa clone x fragment) 737275-93-3, Protein (Oryza sativa clone x fragment) 737275-94-4, Protein (Oryza sativa clone x fragment) 737275-95-5, Protein (Oryza sativa clone x fragment) 737275-96-6, Protein (Oryza sativa clone x fragment) 737275-97-7, Protein (Oryza sativa clone x fragment) 737275-98-8, Protein (Oryza sativa clone x fragment) 737275-99-9, Protein (Oryza sativa clone x fragment) 737276-00-5, Protein (Oryza sativa clone x fragment) 737276-01-6, Protein (Oryza sativa clone x fragment) 737276-02-7, Protein (Oryza sativa clone x fragment) 737276-03-8, Protein (Oryza sativa clone x fragment) 737276-04-9, Protein (Oryza sativa clone x fragment) 737276-05-0, Protein (Oryza sativa clone x fragment) 737276-06-1, Protein (Oryza sativa clone x fragment) 737276-07-2, Protein (Oryza sativa clone x fragment) 737276-08-3, Protein (Oryza sativa clone x fragment) 737276-09-4, Protein (Oryza sativa clone x fragment) 737276-10-7, Protein (Oryza sativa clone x fragment) 737276-11-8, Protein (Oryza sativa clone x fragment) 737276-12-9, Protein (Oryza sativa clone x fragment) 737276-13-0, Protein (Oryza sativa clone x fragment) 737276-14-1, Protein (Oryza sativa clone x fragment) 737276-15-2, Protein (Oryza sativa clone x fragment) 737276-16-3, Protein (Oryza sativa clone x fragment) 737276-17-4, Protein (Oryza sativa clone x fragment) 737276-18-5, Protein (Oryza sativa clone x fragment) 737276-19-6, Protein (Oryza sativa clone x fragment) 737276-20-9, Protein (Oryza sativa clone x fragment) 737276-21-0 737276-22-1 737276-23-2, Protein (Oryza sativa clone x fragment) 737276-24-3, Protein (Oryza sativa clone x fragment) 737276-25-4, Protein (Oryza sativa clone x fragment) 737276-26-5,

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sativa clone x fragment) 737278-00-1 737278-01-2, Protein (Oryza sativa clone x fragment) 737278-02-3, Protein (Oryza sativa clone x fragment) 737278-03-4, Protein (Oryza sativa clone x fragment) 737278-04-5, Protein (Oryza sativa clone x fragment) 737278-05-6, Protein (Oryza sativa clone x fragment) 737278-06-7, Protein (Oryza sativa clone x fragment) 737278-07-8, Protein (Oryza sativa clone x fragment) 737278-08-9, Protein (Oryza sativa clone x fragment) 737278-09-0, Protein (Oryza sativa clone x fragment) 737278-10-3, Protein (Oryza sativa clone x fragment) 737278-11-4, Protein (Oryza sativa clone x fragment) 737278-12-5, Protein (Oryza sativa clone x fragment) 737278-13-6, Protein (Oryza sativa clone x fragment) 737278-14-7, Protein (Oryza sativa clone x fragment) 737278-15-8, Protein (Oryza sativa clone x fragment) 737278-16-9, Protein (Oryza sativa clone x fragment) 737278-17-0, Protein (Oryza sativa clone x fragment) 737278-18-1, Protein (Oryza sativa clone x fragment) 737278-19-2, Protein (Oryza sativa clone x fragment) 737278-20-5, Protein (Oryza sativa clone x fragment)
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737278-21-6, Protein (Oryza sativa clone x fragment) 737278-22-7, Protein (Oryza sativa clone x fragment) 737278-23-8, Protein (Oryza sativa clone x fragment) 737278-24-9, Protein (Oryza sativa clone x fragment) 737278-25-0, Protein (Oryza sativa clone x fragment) 737278-26-1, Protein (Oryza sativa clone x fragment) 737278-27-2, Protein (Oryza sativa clone x fragment) 737278-28-3 737278-29-4 737278-30-7, Protein (Oryza sativa clone x fragment) 737278-31-8, Protein (Oryza sativa clone x fragment) 737278-32-9, Protein (Oryza sativa clone x fragment) 737278-33-0 737278-34-1, Protein (Oryza sativa clone x fragment) 737278-35-2, Protein (Oryza sativa clone x fragment) 737278-36-3, Protein (Oryza sativa clone x fragment) 737278-37-4, Protein (Oryza sativa clone x fragment) 737278-38-5, Protein (Oryza sativa clone x fragment) 737278-39-6, Protein (Oryza sativa clone x fragment) 737278-40-9, Protein (Oryza sativa clone x fragment) 737278-41-0, Protein (Oryza sativa clone x fragment) 737278-42-1, Protein (Oryza sativa clone x fragment) 737278-43-2, Protein (Oryza sativa clone x fragment) 737278-44-3 737278-45-4, Protein (Oryza sativa clone x fragment) 737278-46-5, Protein (Oryza sativa clone x fragment) 737278-47-6, Protein (Oryza sativa clone x fragment) 737278-48-7, Protein (Oryza sativa clone x fragment) 737278-49-8, Protein (Oryza sativa clone x fragment) 737278-50-1, Protein (Oryza sativa clone x fragment) 737278-51-2, Protein (Oryza sativa clone x fragment) 737278-52-3 737278-53-4, Protein (Oryza sativa clone x fragment) 737278-54-5, Protein (Oryza sativa clone x fragment) 737278-55-6, Protein (Oryza sativa clone x fragment) 737278-56-7, Protein (Oryza sativa clone x fragment) 737278-57-8 737278-58-9 737278-59-0, Protein (Oryza sativa clone x fragment) 737278-60-3, Protein (Oryza sativa clone x fragment) 737278-61-4, Protein (Oryza sativa clone x fragment) 737278-62-5, Protein (Oryza sativa clone x fragment) 737278-63-6, Protein (Oryza sativa clone x fragment) 737278-64-7 737278-65-8, Protein (Oryza sativa clone x fragment) 737278-66-9, Protein (Oryza sativa clone x fragment) 737278-67-0, Protein (Oryza sativa clone x fragment) 737278-68-1, Protein (Oryza sativa clone x fragment) 737278-69-2, Protein (Oryza sativa clone x fragment) 737278-70-5, Protein (Oryza sativa clone x fragment) 737278-71-6, Protein (Oryza sativa clone x fragment) 737278-72-7, Protein (Oryza sativa clone x fragment) 737278-73-8, Protein (Oryza sativa clone x fragment) 737278-74-9, Protein (Oryza sativa clone x fragment) 737278-75-0, Protein (Oryza sativa clone x fragment) 737278-76-1, Protein (Oryza sativa clone x fragment) 737278-77-2, Protein (Oryza sativa clone x fragment) 737278-78-3, Protein (Oryza sativa clone x fragment) 737278-79-4, Protein (Oryza sativa clone x fragment) 737278-80-7, Protein (Oryza sativa clone x fragment) 737278-81-8, Protein (Oryza sativa clone x fragment) 737278-82-9, Protein (Oryza sativa clone x fragment) 737278-83-0,

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Protein (Oryza sativa clone x fragment) 737280-55-6, Protein (Oryza sativa clone x fragment)
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737280-56-7, Protein (Oryza sativa clone x fragment) 737280-57-8, Protein (Oryza sativa clone x fragment) 737280-58-9, Protein (Oryza sativa clone x fragment) 737280-59-0, Protein (Oryza sativa clone x fragment) 737280-60-3, Protein (Oryza sativa clone x fragment) 737280-61-4, Protein (Oryza sativa clone x fragment) 737280-62-5, Protein (Oryza sativa clone x fragment) 737280-63-6, Protein (Oryza sativa clone x fragment) 737280-64-7, Protein (Oryza sativa clone x fragment) 737280-65-8, Protein (Oryza sativa clone x fragment) 737280-66-9, Protein (Oryza sativa clone x fragment) 737280-67-0, Protein (Oryza sativa clone x fragment) 737280-68-1, Protein (Oryza sativa clone x fragment) 737280-69-2, Protein (Oryza sativa clone x fragment) 737280-70-5, Protein (Oryza sativa clone x fragment) 737280-71-6, Protein (Oryza sativa clone x fragment) 737280-72-7, Protein (Oryza sativa clone x fragment) 737280-73-8, Protein (Oryza sativa clone x fragment) 737280-74-9, Protein (Oryza sativa clone x fragment) 737280-75-0, Protein (Oryza sativa clone x fragment) 737280-76-1, Protein (Oryza sativa clone x fragment) 737280-77-2, Protein (Oryza sativa clone x fragment) 737280-78-3, Protein (Oryza sativa clone x fragment) 737280-79-4, Protein (Oryza sativa clone x fragment) 737280-80-7, Protein (Oryza sativa clone x fragment) 737280-81-8, Protein (Oryza sativa clone x fragment) 737280-82-9, Protein (Oryza sativa clone x fragment) 737280-83-0, Protein (Oryza sativa clone x fragment) 737280-84-1, Protein (Oryza sativa clone x fragment) 737280-85-2, Protein (Oryza sativa clone x fragment) 737280-86-3, Protein (Oryza sativa clone x fragment) 737280-87-4, Protein (Oryza sativa clone x fragment) 737280-88-5 737280-89-6 737280-90-9, Protein (Oryza sativa clone x fragment) 737280-91-0, Protein (Oryza sativa clone x fragment) 737280-92-1, Protein (Oryza sativa clone x fragment) 737280-93-2, Protein (Oryza sativa clone x fragment) 737280-94-3, Protein (Oryza sativa clone x fragment) 737280-95-4, Protein (Oryza sativa clone x fragment) 737280-96-5, Protein (Oryza sativa clone x fragment) 737280-97-6, Protein (Oryza sativa clone x fragment) 737280-98-7, Protein (Oryza sativa clone x fragment) 737280-99-8, Protein (Oryza sativa clone x fragment) 737281-00-4, Protein (Oryza sativa clone x fragment) 737281-01-5, Protein (Oryza sativa clone x fragment) 737281-02-6, Protein (Oryza sativa clone x fragment) 737281-03-7, Protein (Oryza sativa clone x fragment) 737281-04-8, Protein (Oryza sativa clone x fragment) 737281-05-9, Protein (Oryza sativa clone x fragment) 737281-06-0, Protein (Oryza sativa clone x fragment) 737281-07-1, Protein (Oryza sativa clone x fragment) 737281-08-2, Protein (Oryza sativa clone x fragment) 737281-09-3, Protein (Oryza sativa clone x fragment) 737281-10-6, Protein (Oryza sativa clone x fragment) 737281-11-7, Protein (Oryza sativa clone x fragment) 737281-12-8, Protein (Oryza sativa clone x fragment) 737281-13-9, Protein (Oryza sativa clone x fragment) 737281-14-0, Protein (Oryza sativa clone x fragment) 737281-15-1, Protein (Oryza sativa clone x fragment) 737281-16-2, Protein (Oryza sativa clone x fragment) 737281-17-3, Protein (Oryza sativa clone x fragment) 737281-18-4, Protein (Oryza sativa clone x fragment) 737281-19-5 737281-20-8, Protein (Oryza sativa clone x fragment) 737281-21-9 737281-22-0, Protein (Oryza sativa clone x fragment) 737281-23-1, Protein (Oryza sativa clone x fragment) 737281-24-2, Protein (Oryza sativa clone x fragment) 737281-25-3, Protein (Oryza sativa clone x fragment) 737281-26-4, Protein (Oryza sativa clone x fragment) 737281-27-5, Protein (Oryza sativa clone x fragment) 737281-28-6, Protein (Oryza sativa clone x fragment) 737281-29-7, Protein (Oryza sativa clone x fragment) 737281-30-0, Protein (Oryza sativa clone x fragment) 737281-31-1, Protein (Oryza sativa clone x fragment) 737281-32-2, Protein (Oryza sativa clone x fragment) 737281-33-3, Protein (Oryza sativa clone x fragment)

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737282-18-7, Protein (Oryza sativa clone x fragment) 737282-19-8,
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 sativa clone x fragment) 737282-21-2, Protein (Oryza sativa clone x
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 737282-62-1, Protein (Oryza sativa clone x fragment) 737282-63-2
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 sativa clone x fragment) 737282-86-9, Protein (Oryza sativa clone x
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 737282-88-1, Protein (Oryza sativa clone x fragment) 737282-89-2,
 Protein (Oryza sativa clone x fragment) 737282-90-5, Protein (Oryza
 sativa clone x fragment)

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 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT 737282-91-6, Protein (Oryza sativa clone x fragment) 737282-92-7,
 Protein (Oryza sativa clone x fragment) 737282-93-8, Protein (Oryza
 sativa clone x fragment) 737282-94-9, Protein (Oryza sativa clone x
 fragment) 737282-95-0, Protein (Oryza sativa clone x fragment)
 737282-96-1, Protein (Oryza sativa clone x fragment) 737282-97-2,
 Protein (Oryza sativa clone x fragment) 737282-98-3, Protein (Oryza

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737284-73-0, Protein (Oryza sativa clone x fragment) 737284-74-1,
 Protein (Oryza sativa clone x fragment) 737284-75-2, Protein (Oryza
 sativa clone x fragment) 737284-76-3, Protein (Oryza sativa clone x
 fragment) 737284-77-4, Protein (Oryza sativa clone x fragment)
 737284-78-5, Protein (Oryza sativa clone x fragment) 737284-79-6,
 Protein (Oryza sativa clone x fragment) 737284-80-9, Protein (Oryza
 sativa clone x fragment) 737284-81-0 737284-82-1, Protein (Oryza
 sativa clone x fragment) 737284-83-2, Protein (Oryza sativa clone x
 fragment) 737284-84-3, Protein (Oryza sativa clone x fragment)
 737284-85-4 737284-86-5, Protein (Oryza sativa clone x fragment)
 737284-87-6, Protein (Oryza sativa clone x fragment) 737284-88-7,
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 sativa clone x fragment) 737284-90-1, Protein (Oryza sativa clone x
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 737284-92-3, Protein (Oryza sativa clone x fragment) 737284-93-4,
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 sativa clone x fragment) 737284-95-6, Protein (Oryza sativa clone x
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 737284-97-8, Protein (Oryza sativa clone x fragment) 737284-98-9,
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 sativa clone x fragment) 737285-00-6, Protein (Oryza sativa clone x
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 737285-02-8, Protein (Oryza sativa clone x fragment) 737285-03-9,
 Protein (Oryza sativa clone x fragment) 737285-04-0, Protein (Oryza
 sativa clone x fragment) 737285-05-1, Protein (Oryza sativa clone x
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 737285-07-3, Protein (Oryza sativa clone x fragment) 737285-08-4,
 Protein (Oryza sativa clone x fragment) 737285-09-5, Protein (Oryza
 sativa clone x fragment) 737285-10-8 737285-11-9, Protein (Oryza
 sativa clone x fragment) 737285-12-0, Protein (Oryza sativa clone x
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 737285-16-4, Protein (Oryza sativa clone x fragment) 737285-17-5,
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 sativa clone x fragment) 737285-19-7, Protein (Oryza sativa clone x
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 737285-21-1, Protein (Oryza sativa clone x fragment) 737285-22-2,
 Protein (Oryza sativa clone x fragment) 737285-23-3 737285-24-4,
 Protein (Oryza sativa clone x fragment) 737285-25-5, Protein (Oryza
 sativa clone x fragment)

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT 737285-26-6, Protein (Oryza sativa clone x fragment) 737285-27-7,
 Protein (Oryza sativa clone x fragment) 737285-28-8, Protein (Oryza
 sativa clone x fragment) 737285-29-9, Protein (Oryza sativa clone x
 fragment) 737285-30-2, Protein (Oryza sativa clone x fragment)
 737285-31-3 737285-32-4, Protein (Oryza sativa clone x fragment)
 737285-33-5, Protein (Oryza sativa clone x fragment) 737285-34-6,
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 sativa clone x fragment) 737285-36-8, Protein (Oryza sativa clone x
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 737285-38-0, Protein (Oryza sativa clone x fragment) 737285-39-1,
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 sativa clone x fragment) 737285-41-5, Protein (Oryza sativa clone x
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 737285-43-7, Protein (Oryza sativa clone x fragment) 737285-44-8,
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 sativa clone x fragment) 737285-46-0, Protein (Oryza sativa clone x
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 737285-48-2, Protein (Oryza sativa clone x fragment) 737285-49-3,
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 sativa clone x fragment) 737285-51-7, Protein (Oryza sativa clone x
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 737285-53-9 737285-54-0, Protein (Oryza sativa clone x fragment)

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Protein (Oryza sativa clone x fragment) 737287-32-0, Protein (Oryza sativa clone x fragment) 737287-33-1, Protein (Oryza sativa clone x fragment) 737287-34-2, Protein (Oryza sativa clone x fragment) 737287-35-3, Protein (Oryza sativa clone x fragment) 737287-36-4, Protein (Oryza sativa clone x fragment) 737287-37-5, Protein (Oryza sativa clone x fragment) 737287-38-6, Protein (Oryza sativa clone x fragment) 737287-39-7, Protein (Oryza sativa clone x fragment) 737287-40-0, Protein (Oryza sativa clone x fragment) 737287-41-1, Protein (Oryza sativa clone x fragment) 737287-42-2, Protein (Oryza sativa clone x fragment) 737287-43-3, Protein (Oryza sativa clone x fragment) 737287-44-4, Protein (Oryza sativa clone x fragment) 737287-45-5, Protein (Oryza sativa clone x fragment) 737287-46-6, Protein (Oryza sativa clone x fragment) 737287-47-7, Protein (Oryza sativa clone x fragment) 737287-48-8, Protein (Oryza sativa clone x fragment) 737287-49-9, Protein (Oryza sativa clone x fragment) 737287-50-2, Protein (Oryza sativa clone x fragment) 737287-51-3, Protein (Oryza sativa clone x fragment) 737287-52-4, Protein (Oryza sativa clone x fragment) 737287-53-5, Protein (Oryza sativa clone x fragment) 737287-54-6, Protein (Oryza sativa clone x fragment) 737287-55-7, Protein (Oryza sativa clone x fragment) 737287-56-8, Protein (Oryza sativa clone x fragment) 737287-57-9, Protein (Oryza sativa clone x fragment) 737287-58-0, Protein (Oryza sativa clone x fragment) 737287-59-1, Protein (Oryza sativa clone x fragment) 737287-60-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737287-61-5, Protein (Oryza sativa clone x fragment) 737287-62-6, Protein (Oryza sativa clone x fragment) 737287-63-7, Protein (Oryza sativa clone x fragment) 737287-64-8, Protein (Oryza sativa clone x fragment) 737287-65-9, Protein (Oryza sativa clone x fragment) 737287-66-0, Protein (Oryza sativa clone x fragment) 737287-67-1, Protein (Oryza sativa clone x fragment) 737287-68-2, Protein (Oryza sativa clone x fragment) 737287-69-3, Protein (Oryza sativa clone x fragment) 737287-70-6, Protein (Oryza sativa clone x fragment) 737287-71-7, Protein (Oryza sativa clone x fragment) 737287-72-8, Protein (Oryza sativa clone x fragment) 737287-73-9, Protein (Oryza sativa clone x fragment) 737287-74-0, Protein (Oryza sativa clone x fragment) 737287-75-1, Protein (Oryza sativa clone x fragment) 737287-76-2, Protein (Oryza sativa clone x fragment) 737287-77-3, Protein (Oryza sativa clone x fragment) 737287-78-4, Protein (Oryza sativa clone x fragment) 737287-79-5, Protein (Oryza sativa clone x fragment) 737287-80-8, Protein (Oryza sativa clone x fragment) 737287-81-9, Protein (Oryza sativa clone x fragment) 737287-82-0, Protein (Oryza sativa clone x fragment) 737287-83-1, Protein (Oryza sativa clone x fragment) 737287-84-2, Protein (Oryza sativa clone x fragment) 737287-85-3, Protein (Oryza sativa clone x fragment) 737287-86-4, Protein (Oryza sativa clone x fragment) 737287-87-5, Protein (Oryza sativa clone x fragment) 737287-88-6, Protein (Oryza sativa clone x fragment) 737287-89-7, Protein (Oryza sativa clone x fragment) 737287-90-0, Protein (Oryza sativa clone x fragment) 737287-91-1, Protein (Oryza sativa clone x fragment) 737287-92-2, Protein (Oryza sativa clone x fragment) 737287-93-3, Protein (Oryza sativa clone x fragment) 737287-94-4, Protein (Oryza sativa clone x fragment) 737287-95-5, Protein (Oryza sativa clone x fragment) 737287-96-6, Protein (Oryza sativa clone x fragment) 737287-97-7, Protein (Oryza sativa clone x fragment) 737287-98-8, Protein (Oryza sativa clone x fragment) 737287-99-9, Protein (Oryza sativa clone x fragment) 737288-00-5, Protein (Oryza sativa clone x fragment) 737288-01-6, Protein (Oryza sativa clone x fragment) 737288-02-7, Protein (Oryza sativa clone x fragment) 737288-03-8, Protein (Oryza sativa clone x fragment) 737288-04-9, Protein (Oryza sativa clone x fragment) 737288-05-0, Protein (Oryza sativa clone x fragment) 737288-06-1, Protein (Oryza sativa clone x fragment) 737288-07-2, Protein (Oryza sativa clone x fragment) 737288-08-3, Protein (Oryza sativa clone x fragment) 737288-09-4, Protein (Oryza sativa clone x fragment) 737288-10-7, Protein (Oryza sativa clone x fragment) 737288-11-8, Protein (Oryza

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sativa clone x fragment) 737289-86-0, Protein (Oryza sativa clone x fragment)
 737289-87-1, Protein (Oryza sativa clone x fragment)
 737289-88-2, Protein (Oryza sativa clone x fragment) 737289-89-3,
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 sativa clone x fragment) 737289-91-7 737289-92-8, Protein (Oryza
 sativa clone x fragment) 737289-93-9, Protein (Oryza sativa clone x
 fragment) 737289-94-0, Protein (Oryza sativa clone x fragment)
 737289-95-1, Protein (Oryza sativa clone x fragment)
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT 737289-96-2, Protein (Oryza sativa clone x fragment) 737289-97-3,
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 sativa clone x fragment) 737289-99-5, Protein (Oryza sativa clone x
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 737290-64-1, Protein (Oryza sativa clone x fragment) 737290-65-2,
 Protein (Oryza sativa clone x fragment) 737290-66-3, Protein (Oryza

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737291-52-0, Protein (Oryza sativa clone x fragment) 737291-53-1,
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 sativa clone x fragment) 737291-55-3, Protein (Oryza sativa clone x
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 737292-00-1, Protein (Oryza sativa clone x fragment) 737292-01-2,
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 sativa clone x fragment) 737292-03-4, Protein (Oryza sativa clone x
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 Protein (Oryza sativa clone x fragment) 737292-26-1, Protein (Oryza
 sativa clone x fragment) 737292-27-2, Protein (Oryza sativa clone x
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 737292-29-4, Protein (Oryza sativa clone x fragment) 737292-30-7,
 Protein (Oryza sativa clone x fragment)

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IT 737292-31-8, Protein (Oryza sativa clone x fragment) 737292-32-9,
 Protein (Oryza sativa clone x fragment) 737292-33-0, Protein (Oryza

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fragment) 737294-11-0, Protein (Oryza sativa clone x fragment)
 737294-12-1, Protein (Oryza sativa clone x fragment) 737294-13-2,
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 sativa clone x fragment) 737294-15-4, Protein (Oryza sativa clone x
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 sativa clone x fragment) 737294-52-9, Protein (Oryza sativa clone x
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 737294-54-1, Protein (Oryza sativa clone x fragment) 737294-55-2,
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 sativa clone x fragment) 737294-59-6, Protein (Oryza sativa clone x
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 737294-61-0, Protein (Oryza sativa clone x fragment) 737294-62-1,
 Protein (Oryza sativa clone x fragment) 737294-63-2, Protein (Oryza
 sativa clone x fragment) 737294-64-3, Protein (Oryza sativa clone x
 fragment) 737294-65-4, Protein (Oryza sativa clone x fragment)
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)
 IT 737294-66-5, Protein (Oryza sativa clone x fragment) 737294-67-6,
 Protein (Oryza sativa clone x fragment) 737294-68-7, Protein (Oryza
 sativa clone x fragment) 737294-69-8, Protein (Oryza sativa clone x
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 737294-71-2, Protein (Oryza sativa clone x fragment) 737294-72-3,
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 sativa clone x fragment) 737294-74-5, Protein (Oryza sativa clone x
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 737294-76-7, Protein (Oryza sativa clone x fragment) 737294-77-8,
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 Protein (Oryza sativa clone x fragment) 737294-88-1, Protein (Oryza
 sativa clone x fragment) 737294-89-2, Protein (Oryza sativa clone x

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737296-66-1, Protein (Oryza sativa clone x fragment) 737296-67-2
 737296-68-3, Protein (Oryza sativa clone x fragment) 737296-69-4,
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 sativa clone x fragment) 737297-00-6, Protein (Oryza sativa clone x
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 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT 737297-01-7, Protein (Oryza sativa clone x fragment) 737297-02-8,
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 737297-06-2, Protein (Oryza sativa clone x fragment) 737297-07-3,
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 737297-43-7, Protein (Oryza sativa clone x fragment) 737297-44-8,
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fragment) 737299-16-0, Protein (Oryza sativa clone x fragment)
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 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
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IT 737299-36-4, Protein (Oryza sativa clone x fragment) 737299-37-5,
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Protein (Oryza sativa clone x fragment) 737301-65-4, Protein (Oryza sativa clone x fragment) 737301-66-5, Protein (Oryza sativa clone x fragment) 737301-67-6, Protein (Oryza sativa clone x fragment) 737301-68-7, Protein (Oryza sativa clone x fragment) 737301-69-8, Protein (Oryza sativa clone x fragment) 737301-70-1, Protein (Oryza sativa clone x fragment)

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

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fragment) 737303-41-2, Protein (Oryza sativa clone x fragment)
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 737304-03-9, Protein (Oryza sativa clone x fragment) 737304-04-0,
 Protein (Oryza sativa clone x fragment) 737304-05-1, Protein (Oryza
 sativa clone x fragment)

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IT 737304-06-2, Protein (Oryza sativa clone x fragment) 737304-07-3,
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fragment) 737305-95-2 737305-96-3, Protein (Oryza sativa clone x fragment)
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 737306-38-6, Protein (Oryza sativa clone x fragment) 737306-39-7,
 Protein (Oryza sativa clone x fragment) 737306-40-0, Protein (Oryza
 sativa clone x fragment)

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IT 737306-41-1, Protein (Oryza sativa clone x fragment) 737306-42-2,
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737308-44-0, Protein (Oryza sativa clone x fragment) 737308-45-1,
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 737308-63-3, Protein (Oryza sativa clone x fragment) 737308-64-4,
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 737308-68-8, Protein (Oryza sativa clone x fragment) 737308-69-9,
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 737308-73-5, Protein (Oryza sativa clone x fragment) 737308-74-6,
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 sativa clone x fragment)

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT 737308-76-8, Protein (Oryza sativa clone x fragment) 737308-77-9,
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 Protein (Oryza sativa clone x fragment)

RL: BSU (Biological study, unclassified); BUU (Biological use,

unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT 9005-53-2, Lignin, biological studies 11078-30-1, Galactomannan
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved production of; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen,
 biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved use and/or uptake of; rice nucleic acid mols. and encoded
 proteins and their uses for plant improvement)

IT 737267-23-1, Protein (Oryza sativa clone x fragment)
 737273-79-9, Protein (Oryza sativa clone x fragment)
 737273-81-3, Protein (Oryza sativa clone x fragment)
 737284-42-3, Protein (Oryza sativa clone x fragment)
 RL: BSU (Biological study, unclassified); BUU (Biological use,
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 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

RN 737267-23-1 HCAPLUS
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SEQ 1 SVAGFGTSFS FFLSFLHNYS LLFSPLLLPF APRNAAKLRF ACLHATICAR
 51 HSDRSIDRSM GSSDQXGDRD RRGSGGGGG GWEAVLRRMR RHHHAHVARR
 101 PDRPXSLCNA CGIRYRKRR QELGLDKKQQ QEHHPHHHQQ QQQYQORQQQ
 151 QQQQEDHSDA ASSVKDSSSS SSNKSSSLQV ISEIVISRSK SDCEGAMEGN
 201 CVPLKRLVQQ VDFLLSSTGI TESQCQVAVS CANQMGLQKA ANVLLFLVPI
 251 RVLTMENNSC DILHIIRIIG RGCIESKTR IIDR

RN 737273-79-9 HCAPLUS
 CN Protein (Oryza sativa clone x fragment) (9CI) (CA INDEX NAME)

SEQ 1 GRPAALLALG NGAYIEHRPV IVTFGEGVAG QVRNGSAGFI FEA EWVHEEN
 51 CEAVVSAWR LSMNTGTGRV ADAVRDVAGD LWDWSRNILG DLEKRIKKVK
 101 KDLEACRRGG LDGASVHREQ MLQCKLEKLE DQCLLQQVPT KVT DAMNMEL
 151 MKPYSDEIK XALFSMGDLK APGPDGMPAL FYKNFWETMG LDVGKEVKSL
 201 LIGSEMPAHW NETVVVLIPK VVANRLKRIL PEIISLNQSA FVPGRMIMDN
 251 VLLAYELTHF LQNKRRGSGK FAALKLDMASK AYNRVWEWFL RMMGKLGFC
 301 QEWINIVMGF VSTVSRIKV NGDLTEQIIP XRRLRQGDPL SPYLFLLCAE
 351 AFSCLLNSAE DRGDIEGMRV CQGAPIINHL LFADDSLLLF KINNQSSTHL
 401 XNVLSLYEDC LGQTINKDKS TIMFSKNSTT VEKENVMAGL GIQSEARNEK
 451 YLGLPIYMGR SRSQTFSYLK DRVWKRLQGW KERLLSKAGK EILIKSVVQS
 501 IPTYAMSCFD LTKTLCNELG SLVCRFWWAQ QENENKVHWV SWELLCRRKE
 551 QGGIGYRDLH LFNLA MLARQ GWRLIMEPMS LCAQVLRKY FPTGDLMAVR
 601 EKPGISYSWR SIVRGIQALK KGLIWRVGDG TNIDIWHPW LPSGITRPI
 651 TPRGRTVVVK VTDLIDPTIG KWDKELIEGL FWEEDVKQIL TIPIRAGVED
 701 GLAWHFDNRG IFSVKSAYHV LEDERRRHKP KQDGASSGQ TNMEKLCWQQ
 751 IWKLPLYPKV KHFIWHLAHN SLPFRMSIQK RGMQIDTRCP VCHRONEDGG
 801 HYFLKCKLMR KCWQSLDLEE CRLELVQMQS AXNLWTKSCR KVTVKTTIFY
 851 LLVWWSARN KXKRRGGEAN TWKAPPPGIL KINFDGAYRE MSRDGAWGFV
 901 IRGENGRGVL AGSRLPMVS DALMAEAEAC LAALAAIDH GISRVIESD
 951 CLNLAMQPIT METVLTCLVA PHRET

RN 737273-81-3 HCAPLUS
 CN Protein (Oryza sativa clone x fragment) (9CI) (CA INDEX NAME)

SEQ 1 MEAVEGMMER MKLSMAEKKG IRVQAEAGSGS QLAAPQAVGK VLA EKLVGAD
 51 GLAQT LGRIW CPIKGVCKD LGENHFLFTF LQSGGKKRAL DDGPWMFGKD


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101 LVEIEFVSIP IWIRVMKLPC GMMNRCTGKA IGDEVGTFLE MMDENCTAV
151 GRFLRIKIRL DIRKPLMRGV TVMIGKEEKA LWCPLEYEFL PDFCYSCGII
201 GHTNKICEKE VMKGELPPFN KQLRCIPSKK RSDDGYGDRG IGGRQLQGW
251 AGSGGSRESF GSGSRSRSGS KPAKVGEVEV TSSIKVVEKL AVRPNVGRAL
301 VLEKEVHDLV LEDLVVNAPK VSSGQTNDGG KEDGSSIVTE HSMVQSMQND
351 VGGVGGSLGK KEEVFGESKT GGRAKYKRRS RGEQQAVARA SVVTLEKRRQ
401 IEDAVMEDGD SKKAKIGAPD CDAGLSEQPC ETQWRSGGLA IFWRRGIAFT
451 LRAVSRLYID GDVVGNTGLT WRFTGFYGEF KSDQREVSWK ALRVLNAAGQ
501 NPWLCMGDFN EILMNGEKEG GHPRSQICMD RFKGLALDEC GLEDLGYTGDM
551 FTWRNNCKSS QQYIRERLDI AVADRAWQNH FPDFHVRNGD PHHSDHRPVI
601 VTFGEVAGV VRNGSAGFRF EAEWVHEENC EAVVSNARWL SMNTGTGRVA
651 DAVRDVAGDL WDWSRNILGD LEKRIKKRAK THWLQYGDNR TRFFHQFASE
701 RKRANRIRKL VKEDGSAVVN QDGMCSLVTD YYRTLFTSQQ GTRYDELLQQ
751 VPTKVTAMN MELMKPYSDE EIKNALFSMG DLKAPGLDGM PALFYKNFWE
801 KVGLDVGKEV KSLNGSEMP AHWNETVVVL IPKIPNPERL KDLRPISLCN
851 VVYKIASKV ANRLKRILPE IISLNQSAFV PGRMITDNVL LAFELTHFLQ
901 NKRRGSDKFA ALKLDMSKAY DRVEWEFLRR MMGKLGFCQE WINIVMGFVS
951 TVSYRIKVNG DLTEQIIPQR GLRQGDPLSP YLFLLCAKAF SCLLNSAEDR
1001 GDIEGVRVCQ GGPIINHLLF ADDSLLLFI NNQSSAHLQN VLSLYEDCSG
1051 QTINKDKSMI MFSKNSTTLE KENVMAGLGI QSEARNEKYL GLPIYMGRSR
1101 SQTFSYLKDR VCKRLQGWKE RLLSKAGKEI LIKSVVQSIP TYAMSCFDLT
1151 KNLCDELGSL VCRFWWAQOE NENKVHVWSW ELLCRRKEQG GIGYRDLHLF
1201 NLAMLARQGW RLIMEPMSLC AQVLRKYFP TGDLMATYY TPGENCVNKV
1251 VDLIDPTTGK WDKELIEGSL TRATPNPPHH QHYCRTLPML NDCKEKRIYC
1301 VSGLGFRWTG RTGDGSRERT AEINPSKTDG RDRSVHDLT ANGPDDVGDD
1351 VTTGGGGSAA QMAHARQTA ALRHERRAPT GSGQHGLTG DQSDGRRGTD
1401 GDGDEEEAAA LFGSTAAMVL RRSSAAAKGR TRTAETWRSR RWPSRATTTT
1451 GTAATHGWSG GGDGGAKLHG ARALRTTRGE GEGGGG

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RN 737284-42-3 HCAPLUS
 CN Protein (Oryza sativa clone x fragment) (9CI) (CA INDEX NAME)

SEQ 1 LAMIICLTYL TCGLISYCCS LMCMCPYLND DYVEPLAWHY DYRDIGLCMR
 51 C

L12 ANSWER 18 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:663851 HCAPLUS
 DN 141:186006
 ED Entered STN: 16 Aug 2004
 TI Rice nucleic acid molecules and encoded proteins and their uses for plant improvement
 IN La Rosa, Thomas J.; Kovalic, David K.; Zhou, Yihua; Cao, Yongwei; Wu, Wei; Boukharov, Andrey A.; Barbazuk, Brad W.
 PA USA
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 837,604.
 CODEN: USXXCO
 DT Patent
 LA English
 IC A01H001-00; C12N015-82; C07H021-04; C12N009-24; C12N005-04
 INCL 800278000; 435069100; 435200000; 435419000; 536023200
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 11
 FAN.CNT 27

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
PRAI	US 2000-197872P	P	20000419	<--	
	US 2001-837604	A2	20010418		
	US 2003-437963	A	20030514		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004123343	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24IC C12N005-04
	INCL	800278000; 435069100; 435200000; 435201000; 435419000; 536023200
US 2004123343	NCL	800/278.000 <--
US 2004123343	NCL	800/278.000
	ECLA	C07K014/415 <--
AB		The present invention provides 102,483 cDNA sequences and their encoded protein sequences from rice (<i>Oryza sativa</i>). Bioinformatic anal. identified putative functions and uses for the nucleic acids/polypeptides. The disclosed polynucleotides and polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of forty-one records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]
ST		rice cDNA protein sequence plant transformation
IT		Stress, plant (cold, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
IT		Stress, plant (heat, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
IT		Recombination, genetic (homologous; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
IT		Fats and Glyceridic oils, biological studies Growth regulators, plant RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
IT		Pathogen (improved tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
IT		Carbohydrates, biological studies RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
IT		Stress, plant (osmotic, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
IT		Cell cycle Disease resistance, plant Growth and development, plant Herbicides <i>Oryza sativa</i> Photosynthesis, biological Protein sequences Transformation, genetic cDNA library cDNA sequences (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
IT		Transcription factors RL: BSU (Biological study, unclassified); BIOL (Biological study) (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
IT		Proteins cDNA RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
IT		Embryophyta

(transgenic; rice nucleic acid mols. and encoded proteins and their
uses for plant improvement)

IT	737209-57-3	737209-58-4	737209-59-5	737209-60-8	737209-61-9
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RL: BSU (Biological study, unclassified); BUU (Biological use,
unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and
their uses for plant improvement)

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737214-07-2	737214-08-3	737214-09-4	737214-10-7	737214-11-8
737214-12-9	737214-13-0	737214-14-1	737214-15-2	737214-16-3
737214-17-4	737214-18-5	737214-19-6	737214-20-9	737214-21-0
737214-22-1	737214-23-2	737214-24-3	737214-25-4	737214-26-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737214-27-6	737214-28-7	737214-29-8	737214-30-1	737214-31-2
737214-32-3	737214-33-4	737214-34-5	737214-35-6	737214-36-7
737214-37-8	737214-38-9	737214-39-0	737214-40-3	737214-41-4
737214-42-5	737214-43-6	737214-44-7	737214-45-8	737214-46-9
737214-47-0	737214-48-1	737214-49-2	737214-50-5	737214-51-6
737214-52-7	737214-53-8	737214-54-9	737214-55-0	737214-56-1
737214-57-2	737214-58-3	737214-59-4	737214-60-7	737214-61-8
737214-62-9	737214-63-0	737214-64-1	737214-65-2	737214-66-3
737214-67-4	737214-68-5	737214-69-6	737214-70-9	737214-71-0
737214-72-1	737214-73-2	737214-74-3	737214-75-4	737214-76-5
737214-77-6	737214-78-7	737214-79-8	737214-80-1	737214-81-2
737214-82-3	737214-83-4	737214-84-5	737214-85-6	737214-86-7
737214-87-8	737214-88-9	737214-89-0	737214-90-3	737214-91-4
737214-92-5	737214-93-6	737214-94-7	737214-95-8	737214-96-9
737214-97-0	737214-98-1	737214-99-2	737215-00-8	737215-01-9
737215-02-0	737215-03-1	737215-04-2	737215-05-3	737215-06-4
737215-07-5	737215-08-6	737215-09-7	737215-10-0	737215-11-1
737215-12-2	737215-13-3	737215-14-4	737215-15-5	737215-16-6
737215-17-7	737215-18-8	737215-19-9	737215-20-2	737215-21-3
737215-22-4	737215-23-5	737215-24-6	737215-25-7	737215-26-8
737215-27-9	737215-28-0	737215-29-1	737215-30-4	737215-31-5
737215-32-6	737215-33-7	737215-34-8	737215-35-9	737215-36-0
737215-37-1	737215-38-2	737215-39-3	737215-40-6	737215-41-7
737215-42-8	737215-43-9	737215-44-0	737215-45-1	737215-46-2
737215-47-3	737215-48-4	737215-49-5	737215-50-8	737215-51-9
737215-52-0	737215-53-1	737215-54-2	737215-55-3	737215-56-4
737215-57-5	737215-58-6	737215-59-7	737215-60-0	737215-61-1
737215-62-2	737215-63-3	737215-64-4	737215-65-5	737215-66-6

737215-67-7	737215-68-8	737215-69-9	737215-70-2	737215-71-3
737215-72-4	737215-73-5	737215-74-6	737215-75-7	737215-76-8
737215-77-9	737215-78-0	737215-79-1	737215-80-4	737215-81-5
737215-82-6	737215-83-7	737215-84-8	737215-85-9	737215-86-0
737215-87-1	737215-88-2	737215-89-3	737215-90-6	737215-91-7
737215-92-8	737215-93-9	737215-94-0	737215-95-1	737215-96-2
737215-97-3	737215-98-4	737215-99-5	737216-00-1	737216-01-2
737216-02-3	737216-03-4	737216-04-5	737216-05-6	737216-06-7
737216-07-8	737216-08-9	737216-09-0	737216-10-3	737216-11-4
737216-12-5	737216-13-6	737216-14-7	737216-15-8	737216-16-9
737216-17-0	737216-18-1	737216-19-2	737216-20-5	737216-21-6
737216-22-7	737216-23-8	737216-24-9	737216-25-0	737216-26-1
737216-27-2	737216-28-3	737216-29-4	737216-30-7	737216-31-8
737216-32-9	737216-33-0	737216-34-1	737216-35-2	737216-36-3
737216-37-4	737216-38-5	737216-39-6	737216-40-9	737216-41-0
737216-42-1	737216-43-2	737216-44-3	737216-45-4	737216-46-5
737216-47-6	737216-48-7	737216-49-8	737216-50-1	737216-51-2
737216-52-3	737216-53-4	737216-54-5	737216-55-6	737216-56-7
737216-57-8	737216-58-9	737216-59-0	737216-60-3	737216-61-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737216-62-5	737216-63-6	737216-64-7	737216-65-8	737216-66-9
737216-67-0	737216-68-1	737216-69-2	737216-70-5	737216-71-6
737216-72-7	737216-73-8	737216-74-9	737216-75-0	737216-76-1
737216-77-2	737216-78-3	737216-79-4	737216-80-7	737216-81-8
737216-82-9	737216-83-0	737216-84-1	737216-85-2	737216-86-3
737216-87-4	737216-88-5	737216-89-6	737216-90-9	737216-91-0
737216-92-1	737216-93-2	737216-94-3	737216-95-4	737216-96-5
737216-97-6	737216-98-7	737216-99-8	737217-00-4	737217-01-5
737217-02-6	737217-03-7	737217-04-8	737217-05-9	737217-06-0
737217-07-1	737217-08-2	737217-09-3	737217-10-6	737217-11-7
737217-12-8	737217-13-9	737217-14-0	737217-15-1	737217-16-2
737217-17-3	737217-18-4	737217-19-5	737217-20-8	737217-21-9
737217-22-0	737217-23-1	737217-24-2	737217-25-3	737217-26-4
737217-27-5	737217-28-6	737217-29-7	737217-30-0	737217-31-1
737217-32-2	737217-33-3	737217-34-4	737217-35-5	737217-36-6
737217-37-7	737217-38-8	737217-39-9	737217-40-2	737217-41-3
737217-42-4	737217-43-5	737217-44-6	737217-45-7	737217-46-8
737217-47-9	737217-48-0	737217-49-1	737217-50-4	737217-51-5
737217-52-6	737217-53-7	737217-54-8	737217-55-9	737217-56-0
737217-57-1	737217-58-2	737217-59-3	737217-60-6	737217-61-7
737217-62-8	737217-63-9	737217-64-0	737217-65-1	737217-66-2
737217-67-3	737217-68-4	737217-69-5	737217-70-8	737217-71-9
737217-72-0	737217-73-1	737217-74-2	737217-75-3	737217-76-4
737217-77-5	737217-78-6	737217-79-7	737217-80-0	737217-81-1
737217-82-2	737217-83-3	737217-84-4	737217-85-5	737217-86-6
737217-87-7	737217-88-8	737217-89-9	737217-90-2	737217-91-3
737217-92-4	737217-93-5	737217-94-6	737217-95-7	737217-96-8
737217-97-9	737217-98-0	737217-99-1	737218-00-7	737218-01-8
737218-02-9	737218-03-0	737218-04-1	737218-05-2	737218-06-3
737218-07-4	737218-08-5	737218-09-6	737218-10-9	737218-11-0
737218-12-1	737218-13-2	737218-14-3	737218-15-4	737218-16-5
737218-17-6	737218-18-7	737218-19-8	737218-20-1	737218-21-2
737218-22-3	737218-23-4	737218-24-5	737218-25-6	737218-26-7
737218-27-8	737218-28-9	737218-29-0	737218-30-3	737218-31-4
737218-32-5	737218-33-6	737218-34-7	737218-35-8	737218-36-9
737218-37-0	737218-38-1	737218-39-2	737218-40-5	737218-41-6
737218-42-7	737218-43-8	737218-44-9	737218-45-0	737218-46-1
737218-47-2	737218-48-3	737218-49-4	737218-50-7	737218-51-8
737218-52-9	737218-53-0	737218-54-1	737218-55-2	737218-56-3
737218-57-4	737218-58-5	737218-59-6	737218-60-9	737218-61-0
737218-62-1	737218-63-2	737218-64-3	737218-65-4	737218-66-5
737218-67-6	737218-68-7	737218-69-8	737218-70-1	737218-71-2
737218-72-3	737218-73-4	737218-74-5	737218-75-6	737218-76-7

737218-77-8	737218-78-9	737218-79-0	737218-80-3	737218-81-4
737218-82-5	737218-83-6	737218-84-7	737218-85-8	737218-86-9
737218-87-0	737218-88-1	737218-89-2	737218-90-5	737218-91-6
737218-92-7	737218-93-8	737218-94-9	737218-95-0	737218-96-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737218-97-2	737218-98-3	737218-99-4	737219-00-0	737219-01-1
	737219-02-2	737219-03-3	737219-04-4	737219-05-5	737219-06-6
	737219-07-7	737219-08-8	737219-09-9	737219-10-2	737219-11-3
	737219-12-4	737219-13-5	737219-14-6	737219-15-7	737219-16-8
	737219-17-9	737219-18-0	737219-19-1	737219-20-4	737219-21-5
	737219-22-6	737219-23-7	737219-24-8	737219-25-9	737219-26-0
	737219-27-1	737219-28-2	737219-29-3	737219-30-6	737219-31-7
	737219-32-8	737219-33-9	737219-34-0	737219-35-1	737219-36-2
	737219-37-3	737219-38-4	737219-39-5	737219-40-8	737219-41-9
	737219-42-0	737219-43-1	737219-44-2	737219-45-3	737219-46-4
	737219-47-5	737219-48-6	737219-49-7	737219-50-0	737219-51-1
	737219-52-2	737219-53-3	737219-54-4	737219-55-5	737219-56-6
	737219-57-7	737219-58-8	737219-59-9	737219-60-2	737219-61-3
	737219-62-4	737219-63-5	737219-64-6	737219-65-7	737219-66-8
	737219-67-9	737219-68-0	737219-69-1	737219-70-4	737219-71-5
	737219-72-6	737219-73-7	737219-74-8	737219-75-9	737219-76-0
	737219-77-1	737219-78-2	737219-79-3	737219-80-6	737219-81-7
	737219-82-8	737219-83-9	737219-84-0	737219-85-1	737219-86-2
	737219-87-3	737219-88-4	737219-89-5	737219-90-8	737219-91-9
	737219-92-0	737219-93-1	737219-94-2	737219-95-3	737219-96-4
	737219-97-5	737219-98-6	737219-99-7	737220-00-7	737220-01-8
	737220-02-9	737220-03-0	737220-04-1	737220-05-2	737220-06-3
	737220-07-4	737220-08-5	737220-09-6	737220-10-9	737220-11-0
	737220-12-1	737220-13-2	737220-14-3	737220-15-4	737220-16-5
	737220-17-6	737220-18-7	737220-19-8	737220-20-1	737220-21-2
	737220-22-3	737220-23-4	737220-24-5	737220-25-6	737220-26-7
	737220-27-8	737220-28-9	737220-29-0	737220-30-3	737220-31-4
	737220-32-5	737220-33-6	737220-34-7	737220-35-8	737220-36-9
	737220-37-0	737220-38-1	737220-39-2	737220-40-5	737220-41-6
	737220-42-7	737220-43-8	737220-44-9	737220-45-0	737220-46-1
	737220-47-2	737220-48-3	737220-49-4	737220-50-7	737220-51-8
	737220-52-9	737220-53-0	737220-54-1	737220-55-2	737220-56-3
	737220-57-4	737220-58-5	737220-59-6	737220-60-9	737220-61-0
	737220-62-1	737220-63-2	737220-64-3	737220-65-4	737220-66-5
	737220-67-6	737220-68-7	737220-69-8	737220-70-1	737220-71-2
	737220-72-3	737220-73-4	737220-74-5	737220-75-6	737220-76-7
	737220-77-8	737220-78-9	737220-79-0	737220-80-3	737220-81-4
	737220-82-5	737220-83-6	737220-84-7	737220-85-8	737220-86-9
	737220-87-0	737220-88-1	737220-89-2	737220-90-5	737220-91-6
	737220-92-7	737220-93-8	737220-94-9	737220-95-0	737220-96-1
	737220-97-2	737220-98-3	737220-99-4	737221-00-0	737221-01-1
	737221-02-2	737221-03-3	737221-04-4	737221-05-5	737221-06-6
	737221-07-7	737221-08-8	737221-09-9	737221-10-2	737221-11-3
	737221-12-4	737221-13-5	737221-14-6	737221-15-7	737221-16-8
	737221-17-9	737221-18-0	737221-19-1	737221-20-4	737221-21-5
	737221-22-6	737221-23-7	737221-24-8	737221-25-9	737221-26-0
	737221-27-1	737221-28-2	737221-29-3	737221-30-6	737221-31-7

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737221-32-8	737221-33-9	737221-34-0	737221-35-1	737221-36-2
	737221-37-3	737221-38-4	737221-39-5	737221-40-8	737221-41-9
	737221-42-0	737221-43-1	737221-44-2	737221-45-3	737221-46-4
	737221-47-5	737221-48-6	737221-49-7	737221-50-0	737221-51-1
	737221-52-2	737221-53-3	737221-54-4	737221-55-5	737221-56-6
	737221-57-7	737221-58-8	737221-59-9	737221-60-2	737221-61-3
	737221-62-4	737221-63-5	737221-64-6	737221-65-7	737221-66-8

737221-67-9	737221-68-0	737221-69-1	737221-70-4	737221-71-5
737221-72-6	737221-73-7	737221-74-8	737221-75-9	737221-76-0
737221-77-1	737221-78-2	737221-79-3	737221-80-6	737221-81-7
737221-82-8	737221-83-9	737221-84-0	737221-85-1	737221-86-2
737221-87-3	737221-88-4	737221-89-5	737221-90-8	737221-91-9
737221-92-0	737221-93-1	737221-94-2	737221-95-3	737221-96-4
737221-97-5	737221-98-6	737221-99-7	737222-00-3	737222-01-4
737222-02-5	737222-03-6	737222-04-7	737222-05-8	737222-06-9
737222-07-0	737222-08-1	737222-09-2	737222-10-5	737222-11-6
737222-12-7	737222-13-8	737222-14-9	737222-15-0	737222-16-1
737222-17-2	737222-18-3	737222-19-4	737222-20-7	737222-21-8
737222-22-9	737222-23-0	737222-24-1	737222-25-2	737222-26-3
737222-27-4	737222-28-5	737222-29-6	737222-30-9	737222-31-0
737222-32-1	737222-33-2	737222-34-3	737222-35-4	737222-36-5
737222-37-6	737222-38-7	737222-39-8	737222-40-1	737222-41-2
737222-42-3	737222-43-4	737222-44-5	737222-45-6	737222-46-7
737222-47-8	737222-48-9	737222-49-0	737222-50-3	737222-51-4
737222-52-5	737222-53-6	737222-54-7	737222-55-8	737222-56-9
737222-57-0	737222-58-1	737222-59-2	737222-60-5	737222-61-6
737222-62-7	737222-63-8	737222-64-9	737222-65-0	737222-66-1
737222-67-2	737222-68-3	737222-69-4	737222-70-7	737222-71-8
737222-72-9	737222-73-0	737222-74-1	737222-75-2	737222-76-3
737222-77-4	737222-78-5	737222-79-6	737222-80-9	737222-81-0
737222-82-1	737222-83-2	737222-84-3	737222-85-4	737222-86-5
737222-87-6	737222-88-7	737222-89-8	737222-90-1	737222-91-2
737222-92-3	737222-93-4	737222-94-5	737222-95-6	737222-96-7
737222-97-8	737222-98-9	737222-99-0	737223-00-6	737223-01-7
737223-02-8	737223-03-9	737223-04-0	737223-05-1	737223-06-2
737223-07-3	737223-08-4	737223-09-5	737223-10-8	737223-11-9
737223-12-0	737223-13-1	737223-14-2	737223-15-3	737223-16-4
737223-17-5	737223-18-6	737223-19-7	737223-20-0	737223-21-1
737223-22-2	737223-23-3	737223-24-4	737223-25-5	737223-26-6
737223-27-7	737223-28-8	737223-29-9	737223-30-2	737223-31-3
737223-32-4	737223-33-5	737223-34-6	737223-35-7	737223-36-8
737223-37-9	737223-38-0	737223-39-1	737223-40-4	737223-41-5
737223-42-6	737223-43-7	737223-44-8	737223-45-9	737223-46-0
737223-47-1	737223-48-2	737223-49-3	737223-50-6	737223-51-7
737223-52-8	737223-53-9	737223-54-0	737223-55-1	737223-56-2
737223-57-3	737223-58-4	737223-59-5	737223-60-8	737223-61-9
737223-62-0	737223-63-1	737223-64-2	737223-65-3	737223-66-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737223-67-5	737223-68-6	737223-69-7	737223-70-0	737223-71-1
737223-72-2	737223-73-3	737223-74-4	737223-75-5	737223-76-6
737223-77-7	737223-78-8	737223-79-9	737223-80-2	737223-81-3
737223-82-4	737223-83-5	737223-84-6	737223-85-7	737223-86-8
737223-87-9	737223-88-0	737223-89-1	737223-90-4	737223-91-5
737223-92-6	737223-93-7	737223-94-8	737223-95-9	737223-96-0
737223-97-1	737223-98-2	737223-99-3	737224-00-9	737224-01-0
737224-02-1	737224-03-2	737224-04-3	737224-05-4	737224-06-5
737224-07-6	737224-08-7	737224-09-8	737224-10-1	737224-11-2
737224-12-3	737224-13-4	737224-14-5	737224-15-6	737224-16-7
737224-17-8	737224-18-9	737224-19-0	737224-20-3	737224-21-4
737224-22-5	737224-23-6	737224-24-7	737224-25-8	737224-26-9
737224-27-0	737224-28-1	737224-29-2	737224-30-5	737224-31-6
737224-32-7	737224-33-8	737224-34-9	737224-35-0	737224-36-1
737224-37-2	737224-38-3	737224-39-4	737224-40-7	737224-41-8
737224-42-9	737224-43-0	737224-44-1	737224-45-2	737224-46-3
737224-47-4	737224-48-5	737224-49-6	737224-50-9	737224-51-0
737224-52-1	737224-53-2	737224-54-3	737224-55-4	737224-56-5
737224-57-6	737224-58-7	737224-59-8	737224-60-1	737224-61-2
737224-62-3	737224-63-4	737224-64-5	737224-65-6	737224-66-7
737224-67-8	737224-68-9	737224-69-0	737224-70-3	737224-71-4
737224-72-5	737224-73-6	737224-74-7	737224-75-8	737224-76-9

737224-77-0	737224-78-1	737224-79-2	737224-80-5	737224-81-6
737224-82-7	737224-83-8	737224-84-9	737224-85-0	737224-86-1
737224-87-2	737224-88-3	737224-89-4	737224-90-7	737224-91-8
737224-92-9	737224-93-0	737224-94-1	737224-95-2	737224-96-3
737224-97-4	737224-98-5	737224-99-6	737225-00-2	737225-01-3
737225-02-4	737225-03-5	737225-04-6	737225-05-7	737225-06-8
737225-07-9	737225-08-0	737225-09-1	737225-10-4	737225-11-5
737225-12-6	737225-13-7	737225-14-8	737225-15-9	737225-16-0
737225-17-1	737225-18-2	737225-19-3	737225-20-6	737225-21-7
737225-22-8	737225-23-9	737225-24-0	737225-25-1	737225-26-2
737225-27-3	737225-28-4	737225-29-5	737225-30-8	737225-31-9
737225-32-0	737225-33-1	737225-34-2	737225-35-3	737225-36-4
737225-37-5	737225-38-6	737225-39-7	737225-40-0	737225-41-1
737225-42-2	737225-43-3	737225-44-4	737225-45-5	737225-46-6
737225-47-7	737225-48-8	737225-49-9	737225-50-2	737225-51-3
737225-52-4	737225-53-5	737225-54-6	737225-55-7	737225-56-8
737225-57-9	737225-58-0	737225-59-1	737225-60-4	737225-61-5
737225-62-6	737225-63-7	737225-64-8	737225-65-9	737225-66-0
737225-67-1	737225-68-2	737225-69-3	737225-70-6	737225-71-7
737225-72-8	737225-73-9	737225-74-0	737225-75-1	737225-76-2
737225-77-3	737225-78-4	737225-79-5	737225-80-8	737225-81-9
737225-82-0	737225-83-1	737225-84-2	737225-85-3	737225-86-4
737225-87-5	737225-88-6	737225-89-7	737225-90-0	737225-91-1
737225-92-2	737225-93-3	737225-94-4	737225-95-5	737225-96-6
737225-97-7	737225-98-8	737225-99-9	737226-00-5	737226-01-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737226-02-7	737226-03-8	737226-04-9	737226-05-0	737226-06-1
737226-07-2	737226-08-3	737226-09-4	737226-10-7	737226-11-8
737226-12-9	737226-13-0	737226-14-1	737226-15-2	737226-16-3
737226-17-4	737226-18-5	737226-19-6	737226-20-9	737226-21-0
737226-22-1	737226-23-2	737226-24-3	737226-25-4	737226-26-5
737226-27-6	737226-28-7	737226-29-8	737226-30-1	737226-31-2
737226-32-3	737226-33-4	737226-34-5	737226-35-6	737226-36-7
737226-37-8	737226-38-9	737226-39-0	737226-40-3	737226-41-4
737226-42-5	737226-43-6	737226-44-7	737226-45-8	737226-46-9
737226-47-0	737226-48-1	737226-49-2	737226-50-5	737226-51-6
737226-52-7	737226-53-8	737226-54-9	737226-55-0	737226-56-1
737226-57-2	737226-58-3	737226-59-4	737226-60-7	737226-61-8
737226-62-9	737226-63-0	737226-64-1	737226-65-2	737226-66-3
737226-67-4	737226-68-5	737226-69-6	737226-70-9	737226-71-0
737226-72-1	737226-73-2	737226-74-3	737226-75-4	737226-76-5
737226-77-6	737226-78-7	737226-79-8	737226-80-1	
737226-81-2	737226-82-3	737226-83-4	737226-84-5	737226-85-6
737226-86-7	737226-87-8	737226-88-9	737226-89-0	737226-90-3
737226-91-4	737226-92-5	737226-93-6	737226-94-7	737226-95-8
737226-96-9	737226-97-0	737226-98-1	737226-99-2	737227-00-8
737227-01-9	737227-02-0	737227-03-1	737227-04-2	737227-05-3
737227-06-4	737227-07-5	737227-08-6	737227-09-7	737227-10-0
737227-11-1	737227-12-2	737227-13-3	737227-14-4	737227-15-5
737227-16-6	737227-17-7	737227-18-8	737227-19-9	737227-20-2
737227-21-3	737227-22-4	737227-23-5	737227-24-6	737227-25-7
737227-26-8	737227-27-9	737227-28-0	737227-29-1	737227-30-4
737227-31-5	737227-32-6	737227-33-7	737227-34-8	737227-35-9
737227-36-0	737227-37-1	737227-38-2	737227-39-3	737227-40-6
737227-41-7	737227-42-8	737227-43-9	737227-44-0	737227-45-1
737227-46-2	737227-47-3	737227-48-4	737227-49-5	737227-50-8
737227-51-9	737227-52-0	737227-53-1	737227-54-2	737227-55-3
737227-56-4	737227-57-5	737227-58-6	737227-59-7	737227-60-0
737227-61-1	737227-62-2	737227-63-3	737227-64-4	737227-65-5
737227-66-6	737227-67-7	737227-68-8	737227-69-9	737227-70-2
737227-71-3	737227-72-4	737227-73-5	737227-74-6	737227-75-7
737227-76-8	737227-77-9	737227-78-0	737227-79-1	737227-80-4
737227-81-5	737227-82-6	737227-83-7	737227-84-8	737227-85-9

737227-86-0	737227-87-1	737227-88-2	737227-89-3	737227-90-6
737227-91-7	737227-92-8	737227-93-9	737227-94-0	737227-95-1
737227-96-2	737227-97-3	737227-98-4	737227-99-5	737228-00-1
737228-01-2	737228-02-3	737228-03-4	737228-04-5	737228-05-6
737228-06-7	737228-07-8	737228-08-9	737228-09-0	737228-10-3
737228-11-4	737228-12-5	737228-13-6	737228-14-7	737228-15-8
737228-16-9	737228-17-0	737228-18-1	737228-19-2	737228-20-5
737228-21-6	737228-22-7	737228-23-8	737228-24-9	737228-25-0
737228-26-1	737228-27-2	737228-28-3	737228-29-4	737228-30-7
737228-31-8	737228-32-9	737228-33-0	737228-34-1	737228-35-2
737228-36-3				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737228-37-4	737228-38-5	737228-39-6	737228-40-9	737228-41-0
	737228-42-1	737228-43-2	737228-44-3	737228-45-4	737228-46-5
	737228-47-6	737228-48-7	737228-49-8	737228-50-1	737228-51-2
	737228-52-3	737228-53-4	737228-54-5	737228-55-6	737228-56-7
	737228-57-8	737228-58-9	737228-59-0	737228-60-3	737228-61-4
	737228-62-5	737228-63-6	737228-64-7	737228-65-8	737228-66-9
	737228-67-0	737228-68-1	737228-69-2	737228-70-5	737228-71-6
	737228-72-7	737228-73-8	737228-74-9	737228-75-0	737228-76-1
	737228-77-2	737228-78-3	737228-79-4	737228-80-7	737228-81-8
	737228-82-9	737228-83-0	737228-84-1	737228-85-2	737228-86-3
	737228-87-4	737228-88-5	737228-89-6	737228-90-9	737228-91-0
	737228-92-1	737228-93-2	737228-94-3	737228-95-4	737228-96-5
	737228-97-6	737228-98-7	737228-99-8	737229-00-4	737229-01-5
	737229-02-6	737229-03-7	737229-04-8	737229-05-9	737229-06-0
	737229-07-1	737229-08-2	737229-09-3	737229-10-6	737229-11-7
	737229-12-8	737229-13-9	737229-14-0	737229-15-1	737229-16-2
	737229-17-3	737229-18-4	737229-19-5	737229-20-8	737229-21-9
	737229-22-0	737229-23-1	737229-24-2	737229-25-3	737229-26-4
	737229-27-5	737229-28-6	737229-29-7	737229-30-0	737229-31-1
	737229-32-2	737229-33-3	737229-34-4	737229-35-5	737229-36-6
	737229-37-7	737229-38-8	737229-39-9	737229-40-2	737229-41-3
	737229-42-4	737229-43-5	737229-44-6	737229-45-7	737229-46-8
	737229-47-9	737229-48-0	737229-49-1	737229-50-4	737229-51-5
	737229-52-6	737229-53-7	737229-54-8	737229-55-9	737229-56-0
	737229-57-1	737229-58-2	737229-59-3	737229-60-6	737229-61-7
	737229-62-8	737229-63-9	737229-64-0	737229-65-1	737229-66-2
	737229-67-3	737229-68-4	737229-69-5	737229-70-8	737229-71-9
	737229-72-0	737229-73-1	737229-74-2	737229-75-3	737229-76-4
	737229-77-5	737229-78-6	737229-79-7	737229-80-0	737229-81-1
	737229-82-2	737229-83-3	737229-84-4	737229-85-5	737229-86-6
	737229-87-7	737229-88-8	737229-89-9	737229-90-2	737229-91-3
	737229-92-4	737229-93-5	737229-94-6	737229-95-7	737229-96-8
	737229-97-9	737229-98-0	737229-99-1	737230-00-1	737230-01-2
	737230-02-3	737230-03-4	737230-04-5	737230-05-6	737230-06-7
	737230-07-8	737230-08-9	737230-09-0	737230-10-3	737230-11-4
	737230-12-5	737230-13-6	737230-14-7	737230-15-8	737230-16-9
	737230-17-0	737230-18-1	737230-19-2	737230-20-5	737230-21-6
	737230-22-7	737230-23-8	737230-24-9	737230-25-0	737230-26-1
	737230-27-2	737230-28-3	737230-29-4	737230-30-7	737230-31-8
	737230-32-9	737230-33-0	737230-34-1	737230-35-2	737230-36-3
	737230-37-4	737230-38-5	737230-39-6	737230-40-9	737230-41-0
	737230-42-1	737230-43-2	737230-44-3	737230-45-4	737230-46-5
	737230-47-6	737230-48-7	737230-49-8	737230-50-1	737230-51-2
	737230-52-3	737230-53-4	737230-54-5	737230-55-6	737230-56-7
	737230-57-8	737230-58-9	737230-59-0	737230-60-3	737230-61-4
	737230-62-5	737230-63-6	737230-64-7	737230-65-8	737230-66-9
	737230-67-0	737230-68-1	737230-69-2	737230-70-5	737230-71-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737230-72-7	737230-73-8	737230-74-9	737230-75-0	737230-76-1
	737230-77-2	737230-78-3	737230-79-4	737230-80-7	737230-81-8
	737230-82-9	737230-83-0	737230-84-1	737230-85-2	737230-86-3
	737230-87-4	737230-88-5	737230-89-6	737230-90-9	737230-91-0
	737230-92-1	737230-93-2	737230-94-3	737230-95-4	737230-96-5
	737230-97-6	737230-98-7	737230-99-8	737231-00-4	737231-01-5
	737231-02-6	737231-03-7	737231-04-8	737231-05-9	737231-06-0
	737231-07-1	737231-08-2	737231-09-3	737231-10-6	737231-11-7
	737231-12-8	737231-13-9	737231-14-0	737231-15-1	737231-16-2
	737231-17-3	737231-18-4	737231-19-5	737231-20-8	737231-21-9
	737231-22-0	737231-23-1	737231-24-2	737231-25-3	737231-26-4
	737231-27-5	737231-28-6	737231-29-7	737231-30-0	737231-31-1
	737231-32-2	737231-33-3	737231-34-4	737231-35-5	737231-36-6
	737231-37-7	737231-38-8	737231-39-9	737231-40-2	737231-41-3
	737231-42-4	737231-43-5	737231-44-6	737231-45-7	737231-46-8
	737231-47-9	737231-48-0	737231-49-1	737231-50-4	737231-51-5
	737231-52-6	737231-53-7	737231-54-8	737231-55-9	737231-56-0
	737231-57-1	737231-58-2	737231-59-3	737231-60-6	737231-61-7
	737231-62-8	737231-63-9	737231-64-0	737231-65-1	737231-66-2
	737231-67-3	737231-68-4	737231-69-5	737231-70-8	737231-71-9
	737231-72-0	737231-73-1	737231-74-2	737231-75-3	737231-76-4
	737231-77-5	737231-78-6	737231-79-7	737231-80-0	737231-81-1
	737231-82-2	737231-83-3	737231-84-4	737231-85-5	737231-86-6
	737231-87-7	737231-88-8	737231-89-9	737231-90-2	737231-91-3
	737231-92-4	737231-93-5	737231-94-6	737231-95-7	737231-96-8
	737231-97-9	737231-98-0	737231-99-1	737232-00-7	737232-01-8
	737232-02-9	737232-03-0	737232-04-1	737232-05-2	737232-06-3
	737232-07-4	737232-08-5	737232-09-6	737232-10-9	737232-11-0
	737232-12-1	737232-13-2	737232-14-3	737232-15-4	737232-16-5
	737232-17-6	737232-18-7	737232-19-8	737232-20-1	737232-21-2
	737232-22-3	737232-23-4	737232-24-5	737232-25-6	737232-26-7
	737232-27-8	737232-28-9	737232-29-0	737232-30-3	737232-31-4
	737232-32-5	737232-33-6	737232-34-7	737232-35-8	737232-36-9
	737232-37-0	737232-38-1	737232-39-2	737232-40-5	737232-41-6
	737232-42-7	737232-43-8	737232-44-9	737232-45-0	737232-46-1
	737232-47-2	737232-48-3	737232-49-4	737232-50-7	737232-51-8
	737232-52-9	737232-53-0	737232-54-1	737232-55-2	737232-56-3
	737232-57-4	737232-58-5	737232-59-6	737232-60-9	737232-61-0
	737232-62-1	737232-63-2	737232-64-3	737232-65-4	737232-66-5
	737232-67-6	737232-68-7	737232-69-8	737232-70-1	737232-71-2
	737232-72-3	737232-73-4	737232-74-5	737232-75-6	737232-76-7
	737232-77-8	737232-78-9	737232-79-0	737232-80-3	737232-81-4
	737232-82-5	737232-83-6	737232-84-7	737232-85-8	737232-86-9
	737232-87-0	737232-88-1	737232-89-2	737232-90-5	737232-91-6
	737232-92-7	737232-93-8	737232-94-9	737232-95-0	737232-96-1
	737232-97-2	737232-98-3	737232-99-4	737233-00-0	737233-01-1
	737233-02-2	737233-03-3	737233-04-4	737233-05-5	737233-06-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737233-07-7	737233-08-8	737233-09-9	737233-10-2	737233-11-3
	737233-12-4	737233-13-5	737233-14-6	737233-15-7	737233-16-8
	737233-17-9	737233-18-0	737233-19-1	737233-20-4	737233-21-5
	737233-22-6	737233-23-7	737233-24-8	737233-25-9	737233-26-0
	737233-27-1	737233-28-2	737233-29-3	737233-30-6	737233-31-7
	737233-32-8	737233-33-9	737233-34-0	737233-35-1	737233-36-2
	737233-37-3	737233-38-4	737233-39-5	737233-40-8	737233-41-9
	737233-42-0	737233-43-1	737233-44-2	737233-45-3	737233-46-4
	737233-47-5	737233-48-6	737233-49-7	737233-50-0	737233-51-1
	737233-52-2	737233-53-3	737233-54-4	737233-55-5	737233-56-6
	737233-57-7	737233-58-8	737233-59-9	737233-60-2	737233-61-3
	737233-62-4	737233-63-5	737233-64-6	737233-65-7	737233-66-8
	737233-67-9	737233-68-0	737233-69-1	737233-70-4	737233-71-5
	737233-72-6	737233-73-7	737233-74-8	737233-75-9	737233-76-0
	737233-77-1	737233-78-2	737233-79-3	737233-80-6	737233-81-7

737233-82-8	737233-83-9	737233-84-0	737233-85-1	737233-86-2
737233-87-3	737233-88-4	737233-89-5	737233-90-8	737233-91-9
737233-92-0	737233-93-1	737233-94-2	737233-95-3	737233-96-4
737233-97-5	737233-98-6	737233-99-7	737234-00-3	737234-01-4
737234-02-5	737234-03-6	737234-04-7	737234-05-8	737234-06-9
737234-07-0	737234-08-1	737234-09-2	737234-10-5	737234-11-6
737234-12-7	737234-13-8	737234-14-9	737234-15-0	737234-16-1
737234-17-2	737234-18-3	737234-19-4	737234-20-7	737234-21-8
737234-22-9	737234-23-0	737234-24-1	737234-25-2	737234-26-3
737234-27-4	737234-28-5	737234-29-6	737234-30-9	737234-31-0
737234-32-1	737234-33-2	737234-34-3	737234-35-4	737234-36-5
737234-37-6	737234-38-7	737234-39-8	737234-40-1	737234-41-2
737234-42-3	737234-43-4	737234-44-5	737234-45-6	737234-46-7
737234-47-8	737234-48-9	737234-49-0	737234-50-3	737234-51-4
737234-52-5	737234-53-6	737234-54-7	737234-55-8	737234-56-9
737234-57-0	737234-58-1	737234-59-2	737234-60-5	737234-61-6
737234-62-7	737234-63-8	737234-64-9	737234-65-0	737234-66-1
737234-67-2	737234-68-3	737234-69-4	737234-70-7	737234-71-8
737234-72-9	737234-73-0	737234-74-1	737234-75-2	737234-76-3
737234-77-4	737234-78-5	737234-79-6	737234-80-9	737234-81-0
737234-82-1	737234-83-2	737234-84-3	737234-85-4	737234-86-5
737234-87-6	737234-88-7	737234-89-8	737234-90-1	737234-91-2
737234-92-3	737234-93-4	737234-94-5	737234-95-6	737234-96-7
737234-97-8	737234-98-9	737234-99-0	737235-00-6	737235-01-7
737235-02-8	737235-03-9	737235-04-0	737235-05-1	737235-06-2
737235-07-3	737235-08-4	737235-09-5	737235-10-8	737235-11-9
737235-12-0	737235-13-1	737235-14-2	737235-15-3	737235-16-4
737235-17-5	737235-18-6	737235-19-7	737235-20-0	737235-21-1
737235-22-2	737235-23-3	737235-24-4	737235-25-5	737235-26-6
737235-27-7	737235-28-8	737235-29-9	737235-30-2	737235-31-3
737235-32-4	737235-33-5	737235-34-6	737235-35-7	737235-36-8
737235-37-9	737235-38-0	737235-39-1	737235-40-4	737235-41-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737235-42-6	737235-43-7	737235-44-8	737235-45-9	737235-46-0
	737235-47-1	737235-48-2	737235-49-3	737235-50-6	737235-51-7
	737235-52-8	737235-53-9	737235-54-0	737235-55-1	737235-56-2
	737235-57-3	737235-58-4	737235-59-5	737235-60-8	737235-61-9
	737235-62-0	737235-63-1	737235-64-2	737235-65-3	737235-66-4
	737235-67-5	737235-68-6	737235-69-7	737235-70-0	737235-71-1
	737235-72-2	737235-73-3	737235-74-4	737235-75-5	737235-76-6
	737235-77-7	737235-78-8	737235-79-9	737235-80-2	737235-81-3
	737235-82-4	737235-83-5	737235-84-6	737235-85-7	737235-86-8
	737235-87-9	737235-88-0	737235-89-1	737235-90-4	737235-91-5
	737235-92-6	737235-93-7	737235-94-8	737235-95-9	737235-96-0
	737235-97-1	737235-98-2	737235-99-3	737236-00-9	737236-01-0
	737236-02-1	737236-03-2	737236-04-3	737236-05-4	737236-06-5
	737236-07-6	737236-08-7	737236-09-8	737236-10-1	737236-11-2
	737236-12-3	737236-13-4	737236-14-5	737236-15-6	737236-16-7
	737236-17-8	737236-18-9	737236-19-0	737236-20-3	737236-21-4
	737236-22-5	737236-23-6	737236-24-7	737236-25-8	737236-26-9
	737236-27-0	737236-28-1	737236-29-2	737236-30-5	737236-31-6
	737236-32-7	737236-33-8	737236-34-9	737236-35-0	737236-36-1
	737236-37-2	737236-38-3	737236-39-4	737236-40-7	737236-41-8
	737236-42-9	737236-43-0	737236-44-1	737236-45-2	737236-46-3
	737236-47-4	737236-48-5	737236-49-6	737236-50-9	737236-51-0
	737236-52-1	737236-53-2	737236-54-3	737236-55-4	737236-56-5
	737236-57-6	737236-58-7	737236-59-8	737236-60-1	737236-61-2
	737236-62-3	737236-63-4	737236-64-5	737236-65-6	737236-66-7
	737236-67-8	737236-68-9	737236-69-0	737236-70-3	737236-71-4
	737236-72-5	737236-73-6	737236-74-7	737236-75-8	737236-76-9
	737236-77-0	737236-78-1	737236-79-2	737236-80-5	737236-81-6
	737236-82-7	737236-83-8	737236-84-9	737236-85-0	737236-86-1
	737236-87-2	737236-88-3	737236-89-4	737236-90-7	737236-91-8

737236-92-9	737236-93-0	737236-94-1	737236-95-2	737236-96-3
737236-97-4	737236-98-5	737236-99-6	737237-00-2	737237-01-3
737237-02-4	737237-03-5	737237-04-6	737237-05-7	737237-06-8
737237-07-9	737237-08-0	737237-09-1	737237-10-4	737237-11-5
737237-12-6	737237-13-7	737237-14-8	737237-15-9	737237-16-0
737237-17-1	737237-18-2	737237-19-3	737237-20-6	737237-21-7
737237-22-8	737237-23-9	737237-24-0	737237-25-1	737237-26-2
737237-27-3	737237-28-4	737237-29-5	737237-30-8	737237-31-9
737237-32-0	737237-33-1	737237-34-2	737237-35-3	737237-36-4
737237-37-5	737237-38-6	737237-39-7	737237-40-0	737237-41-1
737237-42-2	737237-43-3	737237-44-4	737237-45-5	737237-46-6
737237-47-7	737237-48-8	737237-49-9	737237-50-2	737237-51-3
737237-52-4	737237-53-5	737237-54-6	737237-55-7	737237-56-8
737237-57-9	737237-58-0	737237-59-1	737237-60-4	737237-61-5
737237-62-6	737237-63-7	737237-64-8	737237-65-9	737237-66-0
737237-67-1	737237-68-2	737237-69-3	737237-70-6	737237-71-7
737237-72-8	737237-73-9	737237-74-0	737237-75-1	737237-76-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737237-77-3	737237-78-4	737237-79-5	737237-80-8	737237-81-9
	737237-82-0	737237-83-1	737237-84-2	737237-85-3	737237-86-4
	737237-87-5	737237-88-6	737237-89-7	737237-90-0	737237-91-1
	737237-92-2	737237-93-3	737237-94-4	737237-95-5	737237-96-6
	737237-97-7	737237-98-8	737237-99-9	737238-00-5	737238-01-6
	737238-02-7	737238-03-8	737238-04-9	737238-05-0	737238-06-1
	737238-07-2	737238-08-3	737238-09-4	737238-10-7	737238-11-8
	737238-12-9	737238-13-0	737238-14-1	737238-15-2	737238-16-3
	737238-17-4	737238-18-5	737238-19-6	737238-20-9	737238-21-0
	737238-22-1	737238-23-2	737238-24-3	737238-25-4	737238-26-5
	737238-27-6	737238-28-7	737238-29-8	737238-30-1	737238-31-2
	737238-32-3	737238-33-4	737238-34-5	737238-35-6	737238-36-7
	737238-37-8	737238-38-9	737238-39-0	737238-40-3	737238-41-4
	737238-42-5	737238-43-6	737238-44-7	737238-45-8	737238-46-9
	737238-47-0	737238-48-1	737238-49-2	737238-50-5	737238-51-6
	737238-52-7	737238-53-8	737238-54-9	737238-55-0	737238-56-1
	737238-57-2	737238-58-3	737238-59-4	737238-60-7	737238-61-8
	737238-62-9	737238-63-0	737238-64-1	737238-65-2	737238-66-3
	737238-67-4	737238-68-5	737238-69-6	737238-70-9	737238-71-0
	737238-72-1	737238-73-2	737238-74-3	737238-75-4	737238-76-5
	737238-77-6	737238-78-7	737238-79-8	737238-80-1	737238-81-2
	737238-82-3	737238-83-4	737238-84-5	737238-85-6	737238-86-7
	737238-87-8	737238-88-9	737238-89-0	737238-90-3	737238-91-4
	737238-92-5	737238-93-6	737238-94-7	737238-95-8	737238-96-9
	737238-97-0	737238-98-1	737238-99-2	737239-00-8	737239-01-9
	737239-02-0	737239-03-1	737239-04-2	737239-05-3	737239-06-4
	737239-07-5	737239-08-6	737239-09-7	737239-10-0	737239-11-1
	737239-12-2	737239-13-3	737239-14-4	737239-15-5	737239-16-6
	737239-17-7	737239-18-8	737239-19-9	737239-20-2	737239-21-3
	737239-22-4	737239-23-5	737239-24-6	737239-25-7	737239-26-8
	737239-27-9	737239-28-0	737239-29-1	737239-30-4	737239-31-5
	737239-32-6	737239-33-7	737239-34-8	737239-35-9	737239-36-0
	737239-37-1	737239-38-2	737239-39-3	737239-40-6	737239-41-7
	737239-42-8	737239-43-9	737239-44-0	737239-45-1	737239-46-2
	737239-47-3	737239-48-4	737239-49-5	737239-50-8	737239-51-9
	737239-52-0	737239-53-1	737239-54-2	737239-55-3	737239-56-4
	737239-57-5	737239-58-6	737239-59-7	737239-60-0	737239-61-1
	737239-62-2	737239-63-3	737239-64-4	737239-65-5	737239-66-6
	737239-67-7	737239-68-8	737239-69-9	737239-70-2	737239-71-3
	737239-72-4	737239-73-5	737239-74-6	737239-75-7	737239-76-8
	737239-77-9	737239-78-0	737239-79-1	737239-80-4	737239-81-5
	737239-82-6	737239-83-7	737239-84-8	737239-85-9	737239-86-0
	737239-87-1	737239-88-2	737239-89-3	737239-90-6	737239-91-7
	737239-92-8	737239-93-9	737239-94-0	737239-95-1	737239-96-2
	737239-97-3	737239-98-4	737239-99-5	737240-00-5	737240-01-6

737240-02-7 737240-03-8 737240-04-9 737240-05-0 737240-06-1
 737240-07-2 737240-08-3 737240-09-4 737240-10-7 737240-11-8
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT	737240-12-9	737240-13-0	737240-14-1	737240-15-2	737240-16-3
	737240-17-4	737240-18-5	737240-19-6	737240-20-9	737240-21-0
	737240-22-1	737240-23-2	737240-24-3	737240-25-4	737240-26-5
	737240-27-6	737240-28-7	737240-29-8	737240-30-1	737240-31-2
	737240-32-3	737240-33-4	737240-34-5	737240-35-6	737240-36-7
	737240-37-8	737240-38-9	737240-39-0	737240-40-3	737240-41-4
	737240-42-5	737240-43-6	737240-44-7	737240-45-8	737240-46-9
	737240-47-0	737240-48-1	737240-49-2	737240-50-5	737240-51-6
	737240-52-7	737240-53-8	737240-54-9	737240-55-0	737240-56-1
	737240-57-2	737240-58-3	737240-59-4	737240-60-7	737240-61-8
	737240-62-9	737240-63-0	737240-64-1	737240-65-2	737240-66-3
	737240-67-4	737240-68-5	737240-69-6	737240-70-9	737240-71-0
	737240-72-1	737240-73-2	737240-74-3	737240-75-4	737240-76-5
	737240-77-6	737240-78-7	737240-79-8	737240-80-1	737240-81-2
	737240-82-3	737240-83-4	737240-84-5	737240-85-6	737240-86-7
	737240-87-8	737240-88-9	737240-89-0	737240-90-3	737240-91-4
	737240-92-5	737240-93-6	737240-94-7	737240-95-8	737240-96-9
	737240-97-0	737240-98-1	737240-99-2	737241-00-8	737241-01-9
	737241-02-0	737241-03-1	737241-04-2	737241-05-3	737241-06-4
	737241-07-5	737241-08-6	737241-09-7	737241-10-0	737241-11-1
	737241-12-2	737241-13-3	737241-14-4	737241-15-5	737241-16-6
	737241-17-7	737241-18-8	737241-19-9	737241-20-2	737241-21-3
	737241-22-4	737241-23-5	737241-24-6	737241-25-7	737241-26-8
	737241-27-9	737241-28-0	737241-29-1	737241-30-4	737241-31-5
	737241-32-6	737241-33-7	737241-34-8	737241-35-9	737241-36-0
	737241-37-1	737241-38-2	737241-39-3	737241-40-6	737241-41-7
	737241-42-8	737241-43-9	737241-44-0	737241-45-1	737241-46-2
	737241-47-3	737241-48-4	737241-49-5	737241-50-8	737241-51-9
	737241-52-0	737241-53-1	737241-54-2	737241-55-3	737241-56-4
	737241-57-5	737241-58-6	737241-59-7	737241-60-0	737241-61-1
	737241-62-2	737241-63-3	737241-64-4	737241-65-5	737241-66-6
	737241-67-7	737241-68-8	737241-69-9	737241-70-2	737241-71-3
	737241-72-4	737241-73-5	737241-74-6	737241-75-7	737241-76-8
	737241-77-9	737241-78-0	737241-79-1	737241-80-4	737241-81-5
	737241-82-6	737241-83-7	737241-84-8	737241-85-9	737241-86-0
	737241-87-1	737241-88-2	737241-89-3	737241-90-6	737241-91-7
	737241-92-8	737241-93-9	737241-94-0	737241-95-1	737241-96-2
	737241-97-3	737241-98-4	737241-99-5	737242-00-1	737242-01-2
	737242-02-3	737242-03-4	737242-04-5	737242-05-6	737242-06-7
	737242-07-8	737242-08-9	737242-09-0	737242-10-3	737242-11-4
	737242-12-5	737242-13-6	737242-14-7	737242-15-8	737242-16-9
	737242-17-0	737242-18-1	737242-19-2	737242-20-5	737242-21-6
	737242-22-7	737242-23-8	737242-24-9	737242-25-0	737242-26-1
	737242-27-2	737242-28-3	737242-29-4	737242-30-7	737242-31-8
	737242-32-9	737242-33-0	737242-34-1	737242-35-2	737242-36-3
	737242-37-4	737242-38-5	737242-39-6	737242-40-9	737242-41-0
	737242-42-1	737242-43-2	737242-44-3	737242-45-4	737242-46-5

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT	737242-47-6	737242-48-7	737242-49-8	737242-50-1	737242-51-2
	737242-52-3	737242-53-4	737242-54-5	737242-55-6	737242-56-7
	737242-57-8	737242-58-9	737242-59-0	737242-60-3	737242-61-4
	737242-62-5	737242-63-6	737242-64-7	737242-65-8	737242-66-9
	737242-67-0	737242-68-1	737242-69-2	737242-70-5	737242-71-6
	737242-72-7	737242-73-8	737242-74-9	737242-75-0	737242-76-1
	737242-77-2	737242-78-3	737242-79-4	737242-80-7	737242-81-8
	737242-82-9	737242-83-0	737242-84-1	737242-85-2	737242-86-3
	737242-87-4	737242-88-5	737242-89-6	737242-90-9	737242-91-0

737242-92-1	737242-93-2	737242-94-3	737242-95-4	737242-96-5
737242-97-6	737242-98-7	737242-99-8	737243-00-4	737243-01-5
737243-02-6	737243-03-7	737243-04-8	737243-05-9	737243-06-0
737243-07-1	737243-08-2	737243-09-3	737243-10-6	737243-11-7
737243-12-8	737243-13-9	737243-14-0	737243-15-1	737243-16-2
737243-17-3	737243-18-4	737243-19-5	737243-20-8	737243-21-9
737243-22-0	737243-23-1	737243-24-2	737243-25-3	737243-26-4
737243-27-5	737243-28-6	737243-29-7	737243-30-0	737243-31-1
737243-32-2	737243-33-3	737243-34-4	737243-35-5	737243-36-6
737243-37-7	737243-38-8	737243-39-9	737243-40-2	737243-41-3
737243-42-4	737243-43-5	737243-44-6	737243-45-7	737243-46-8
737243-47-9	737243-48-0	737243-49-1	737243-50-4	737243-51-5
737243-52-6	737243-53-7	737243-54-8	737243-55-9	737243-56-0
737243-57-1	737243-58-2	737243-59-3	737243-60-6	737243-61-7
737243-62-8	737243-63-9	737243-64-0	737243-65-1	737243-66-2
737243-67-3	737243-68-4	737243-69-5	737243-70-8	737243-71-9
737243-72-0	737243-73-1	737243-74-2	737243-75-3	737243-76-4
737243-77-5	737243-78-6	737243-79-7	737243-80-0	737243-81-1
737243-82-2	737243-83-3	737243-84-4	737243-85-5	737243-86-6
737243-87-7	737243-88-8	737243-89-9	737243-90-2	737243-91-3
737243-92-4	737243-93-5	737243-94-6	737243-95-7	737243-96-8
737243-97-9	737243-98-0	737243-99-1	737244-00-7	737244-01-8
737244-02-9	737244-03-0	737244-04-1	737244-05-2	737244-06-3
737244-07-4	737244-08-5	737244-09-6	737244-10-9	737244-11-0
737244-12-1	737244-13-2	737244-14-3	737244-15-4	737244-16-5
737244-17-6	737244-18-7	737244-19-8	737244-20-1	737244-21-2
737244-22-3	737244-23-4	737244-24-5	737244-25-6	737244-26-7
737244-27-8	737244-28-9	737244-29-0	737244-30-3	737244-31-4
737244-32-5	737244-33-6	737244-34-7	737244-35-8	737244-36-9
737244-37-0	737244-38-1	737244-39-2	737244-40-5	737244-41-6
737244-42-7	737244-43-8	737244-44-9	737244-45-0	737244-46-1
737244-47-2	737244-48-3	737244-49-4	737244-50-7	737244-51-8
737244-52-9	737244-53-0	737244-54-1	737244-55-2	737244-56-3
737244-57-4	737244-58-5	737244-59-6	737244-60-9	737244-61-0
737244-62-1	737244-63-2	737244-64-3	737244-65-4	737244-66-5
737244-67-6	737244-68-7	737244-69-8	737244-70-1	737244-71-2
737244-72-3	737244-73-4	737244-74-5	737244-75-6	737244-76-7
737244-77-8	737244-78-9	737244-79-0	737244-80-3	737244-81-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737244-82-5	737244-83-6	737244-84-7	737244-85-8	737244-86-9
	737244-87-0	737244-88-1	737244-89-2	737244-90-5	737244-91-6
	737244-92-7	737244-93-8	737244-94-9	737244-95-0	737244-96-1
	737244-97-2	737244-98-3	737244-99-4	737245-00-0	737245-01-1
	737245-02-2	737245-03-3	737245-04-4	737245-05-5	737245-06-6
	737245-07-7	737245-08-8	737245-09-9	737245-10-2	737245-11-3
	737245-12-4	737245-13-5	737245-14-6	737245-15-7	737245-16-8
	737245-17-9	737245-18-0	737245-19-1	737245-20-4	737245-21-5
	737245-22-6	737245-23-7	737245-24-8	737245-25-9	737245-26-0
	737245-27-1	737245-28-2	737245-29-3	737245-30-6	737245-31-7
	737245-32-8	737245-33-9	737245-34-0	737245-35-1	737245-36-2
	737245-37-3	737245-38-4	737245-39-5	737245-40-8	737245-41-9
	737245-42-0	737245-43-1	737245-44-2	737245-45-3	737245-46-4
	737245-47-5	737245-48-6	737245-49-7	737245-50-0	737245-51-1
	737245-52-2	737245-53-3	737245-54-4	737245-55-5	737245-56-6
	737245-57-7	737245-58-8	737245-59-9	737245-60-2	737245-61-3
	737245-62-4	737245-63-5	737245-64-6	737245-65-7	737245-66-8
	737245-67-9	737245-68-0	737245-69-1	737245-70-4	737245-71-5
	737245-72-6	737245-73-7	737245-74-8	737245-75-9	737245-76-0
	737245-77-1	737245-78-2	737245-79-3	737245-80-6	737245-81-7
	737245-82-8	737245-83-9	737245-84-0	737245-85-1	737245-86-2
	737245-87-3	737245-88-4	737245-89-5	737245-90-8	737245-91-9
	737245-92-0	737245-93-1	737245-94-2	737245-95-3	737245-96-4
	737245-97-5	737245-98-6	737245-99-7	737246-00-3	737246-01-4

737246-02-5	737246-03-6	737246-04-7	737246-05-8	737246-06-9
737246-07-0	737246-08-1	737246-09-2	737246-10-5	737246-11-6
737246-12-7	737246-13-8	737246-14-9	737246-15-0	737246-16-1
737246-17-2	737246-18-3	737246-19-4	737246-20-7	737246-21-8
737246-22-9	737246-23-0	737246-24-1	737246-25-2	737246-26-3
737246-27-4	737246-28-5	737246-29-6	737246-30-9	737246-31-0
737246-32-1	737246-33-2	737246-34-3	737246-35-4	737246-36-5
737246-37-6	737246-38-7	737246-39-8	737246-40-1	737246-41-2
737246-42-3	737246-43-4	737246-44-5	737246-45-6	737246-46-7
737246-47-8	737246-48-9	737246-49-0	737246-50-3	737246-51-4
737246-52-5	737246-53-6	737246-54-7	737246-55-8	737246-56-9
737246-57-0	737246-58-1	737246-59-2	737246-60-5	737246-61-6
737246-62-7	737246-63-8	737246-64-9	737246-65-0	737246-66-1
737246-67-2	737246-68-3	737246-69-4	737246-70-7	737246-71-8
737246-72-9	737246-73-0	737246-74-1	737246-75-2	737246-76-3
737246-77-4	737246-78-5	737246-79-6	737246-80-9	737246-81-0
737246-82-1	737246-83-2	737246-84-3	737246-85-4	737246-86-5
737246-87-6	737246-88-7	737246-89-8	737246-90-1	737246-91-2
737246-92-3	737246-93-4	737246-94-5	737246-95-6	737246-96-7
737246-97-8	737246-98-9	737246-99-0	737247-00-6	737247-01-7
737247-02-8	737247-03-9	737247-04-0	737247-05-1	737247-06-2
737247-07-3	737247-08-4	737247-09-5	737247-10-8	737247-11-9
737247-12-0	737247-13-1	737247-14-2	737247-15-3	737247-16-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737247-17-5	737247-18-6	737247-19-7	737247-20-0	737247-21-1
737247-22-2	737247-23-3	737247-24-4	737247-25-5	737247-26-6
737247-27-7	737247-28-8	737247-29-9	737247-30-2	737247-31-3
737247-32-4	737247-33-5	737247-34-6	737247-35-7	737247-36-8
737247-37-9	737247-38-0	737247-39-1	737247-40-4	737247-41-5
737247-42-6	737247-43-7	737247-44-8	737247-45-9	737247-46-0
737247-47-1	737247-48-2	737247-49-3	737247-50-6	737247-51-7
737247-52-8	737247-53-9	737247-54-0	737247-55-1	737247-56-2
737247-57-3	737247-58-4	737247-59-5	737247-60-8	737247-61-9
737247-62-0	737247-63-1	737247-64-2	737247-65-3	737247-66-4
737247-67-5	737247-68-6	737247-69-7	737247-70-0	737247-71-1
737247-72-2	737247-73-3	737247-74-4	737247-75-5	737247-76-6
737247-77-7	737247-78-8	737247-79-9	737247-80-2	737247-81-3
737247-82-4	737247-83-5	737247-84-6	737247-85-7	737247-86-8
737247-87-9	737247-88-0	737247-89-1	737247-90-4	737247-91-5
737247-92-6	737247-93-7	737247-94-8	737247-95-9	737247-96-0
737247-97-1	737247-98-2	737247-99-3	737248-00-9	737248-01-0
737248-02-1	737248-03-2	737248-04-3	737248-05-4	737248-06-5
737248-07-6	737248-08-7	737248-09-8	737248-10-1	737248-11-2
737248-12-3	737248-13-4	737248-14-5	737248-15-6	737248-16-7
737248-17-8	737248-18-9	737248-19-0	737248-20-3	737248-21-4
737248-22-5	737248-23-6	737248-24-7	737248-25-8	737248-26-9
737248-27-0	737248-28-1	737248-29-2	737248-30-5	737248-31-6
737248-32-7	737248-33-8	737248-34-9	737248-35-0	737248-36-1
737248-37-2	737248-38-3	737248-39-4	737248-40-7	737248-41-8
737248-42-9	737248-43-0	737248-44-1	737248-45-2	737248-46-3
737248-47-4	737248-48-5	737248-49-6	737248-50-9	737248-51-0
737248-52-1	737248-53-2	737248-54-3	737248-55-4	737248-56-5
737248-57-6	737248-58-7	737248-59-8	737248-60-1	737248-61-2
737248-62-3	737248-63-4	737248-64-5	737248-65-6	737248-66-7
737248-67-8	737248-68-9	737248-69-0	737248-70-3	737248-71-4
737248-72-5	737248-73-6	737248-74-7	737248-75-8	737248-76-9
737248-77-0	737248-78-1	737248-79-2	737248-80-5	737248-81-6
737248-82-7	737248-83-8	737248-84-9	737248-85-0	737248-86-1
737248-87-2	737248-88-3	737248-89-4	737248-90-7	737248-91-8
737248-92-9	737248-93-0	737248-94-1	737248-95-2	737248-96-3
737248-97-4	737248-98-5	737248-99-6	737249-00-2	737249-01-3
737249-02-4	737249-03-5	737249-04-6	737249-05-7	737249-06-8
737249-07-9	737249-08-0	737249-09-1	737249-10-4	737249-11-5

737249-12-6	737249-13-7	737249-14-8	737249-15-9	737249-16-0
737249-17-1	737249-18-2	737249-19-3	737249-20-6	737249-21-7
737249-22-8	737249-23-9	737249-24-0	737249-25-1	737249-26-2
737249-27-3	737249-28-4	737249-29-5	737249-30-8	737249-31-9
737249-32-0	737249-33-1	737249-34-2	737249-35-3	737249-36-4
737249-37-5	737249-38-6	737249-39-7	737249-40-0	737249-41-1
737249-42-2	737249-43-3	737249-44-4	737249-45-5	737249-46-6
737249-47-7	737249-48-8	737249-49-9	737249-50-2	737249-51-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737249-52-4	737249-53-5	737249-54-6	737249-55-7	737249-56-8
	737249-57-9	737249-58-0	737249-59-1	737249-60-4	737249-61-5
	737249-62-6	737249-63-7	737249-64-8	737249-65-9	737249-66-0
	737249-67-1	737249-68-2	737249-69-3	737249-70-6	737249-71-7
	737249-72-8	737249-73-9	737249-74-0	737249-75-1	737249-76-2
	737249-77-3	737249-78-4	737249-79-5	737249-80-8	737249-81-9
	737249-82-0	737249-83-1	737249-84-2	737249-85-3	737249-86-4
	737249-87-5	737249-88-6	737249-89-7	737249-90-0	737249-91-1
	737249-92-2	737249-93-3	737249-94-4	737249-95-5	737249-96-6
	737249-97-7	737249-98-8	737249-99-9	737250-00-9	737250-01-0
	737250-02-1	737250-03-2	737250-04-3	737250-05-4	737250-06-5
	737250-07-6	737250-08-7	737250-09-8	737250-10-1	737250-11-2
	737250-12-3	737250-13-4	737250-14-5	737250-15-6	737250-16-7
	737250-17-8	737250-18-9	737250-19-0	737250-20-3	737250-21-4
	737250-22-5	737250-23-6	737250-24-7	737250-25-8	737250-26-9
	737250-27-0	737250-28-1	737250-29-2	737250-30-5	737250-31-6
	737250-32-7	737250-33-8	737250-34-9	737250-35-0	737250-36-1
	737250-37-2	737250-38-3	737250-39-4	737250-40-7	737250-41-8
	737250-42-9	737250-43-0	737250-44-1	737250-45-2	737250-46-3
	737250-47-4	737250-48-5	737250-49-6	737250-50-9	737250-51-0
	737250-52-1	737250-53-2	737250-54-3	737250-55-4	737250-56-5
	737250-57-6	737250-58-7	737250-59-8	737250-60-1	737250-61-2
	737250-62-3	737250-63-4	737250-64-5	737250-65-6	737250-66-7
	737250-67-8	737250-68-9	737250-69-0	737250-70-3	737250-71-4
	737250-72-5	737250-73-6	737250-74-7	737250-75-8	737250-76-9
	737250-77-0	737250-78-1	737250-79-2	737250-80-5	737250-81-6
	737250-82-7	737250-83-8	737250-84-9	737250-85-0	737250-86-1
	737250-87-2	737250-88-3	737250-89-4	737250-90-7	737250-91-8
	737250-92-9	737250-93-0	737250-94-1	737250-95-2	737250-96-3
	737250-97-4	737250-98-5	737250-99-6	737251-00-2	737251-01-3
	737251-02-4	737251-03-5	737251-04-6	737251-05-7	737251-06-8
	737251-07-9	737251-08-0	737251-09-1	737251-10-4	737251-11-5
	737251-12-6	737251-13-7	737251-14-8	737251-15-9	737251-16-0
	737251-17-1	737251-18-2	737251-19-3	737251-20-6	737251-21-7
	737251-22-8	737251-23-9	737251-24-0	737251-25-1	737251-26-2
	737251-27-3	737251-28-4	737251-29-5	737251-30-8	737251-31-9
	737251-32-0	737251-33-1	737251-34-2	737251-35-3	737251-36-4
	737251-37-5	737251-38-6	737251-39-7	737251-40-0	737251-41-1
	737251-42-2	737251-43-3	737251-44-4	737251-45-5	737251-46-6
	737251-47-7	737251-48-8	737251-49-9	737251-50-2	737251-51-3
	737251-52-4	737251-53-5	737251-54-6	737251-55-7	737251-56-8
	737251-57-9	737251-58-0	737251-59-1	737251-60-4	737251-61-5
	737251-62-6	737251-63-7	737251-64-8	737251-65-9	737251-66-0
	737251-67-1	737251-68-2	737251-69-3	737251-70-6	737251-71-7
	737251-72-8	737251-73-9	737251-74-0	737251-75-1	737251-76-2
	737251-77-3	737251-78-4	737251-79-5	737251-80-8	737251-81-9
	737251-82-0	737251-83-1	737251-84-2	737251-85-3	737251-86-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737251-87-5	737251-88-6	737251-89-7	737251-90-0	737251-91-1
	737251-92-2	737251-93-3	737251-94-4	737251-95-5	737251-96-6
	737251-97-7	737251-98-8	737251-99-9	737252-00-5	737252-01-6

737252-02-7	737252-03-8	737252-04-9	737252-05-0	737252-06-1
737252-07-2	737252-08-3	737252-09-4	737252-10-7	737252-11-8
737252-12-9	737252-13-0	737252-14-1	737252-15-2	737252-16-3
737252-17-4	737252-18-5	737252-19-6	737252-20-9	737252-21-0
737252-22-1	737252-23-2	737252-24-3	737252-25-4	737252-26-5
737252-27-6	737252-28-7	737252-29-8	737252-30-1	737252-31-2
737252-32-3	737252-33-4	737252-34-5	737252-35-6	737252-36-7
737252-37-8	737252-38-9	737252-39-0	737252-40-3	737252-41-4
737252-42-5	737252-43-6	737252-44-7	737252-45-8	737252-46-9
737252-47-0	737252-48-1	737252-49-2	737252-50-5	737252-51-6
737252-52-7	737252-53-8	737252-54-9	737252-55-0	737252-56-1
737252-57-2	737252-58-3	737252-59-4	737252-60-7	737252-61-8
737252-62-9	737252-63-0	737252-64-1	737252-65-2	737252-66-3
737252-67-4	737252-68-5	737252-69-6	737252-70-9	737252-71-0
737252-72-1	737252-73-2	737252-74-3	737252-75-4	737252-76-5
737252-77-6	737252-78-7	737252-79-8	737252-80-1	737252-81-2
737252-82-3	737252-83-4	737252-84-5	737252-85-6	737252-86-7
737252-87-8	737252-88-9	737252-89-0	737252-90-3	737252-91-4
737252-92-5	737252-93-6	737252-94-7	737252-95-8	737252-96-9
737252-97-0	737252-98-1	737252-99-2	737253-00-8	737253-01-9
737253-02-0	737253-03-1	737253-04-2	737253-05-3	737253-06-4
737253-07-5	737253-08-6	737253-09-7	737253-10-0	737253-11-1
737253-12-2	737253-13-3	737253-14-4	737253-15-5	737253-16-6
737253-17-7	737253-18-8	737253-19-9	737253-20-2	737253-21-3
737253-22-4	737253-23-5	737253-24-6	737253-25-7	737253-26-8
737253-27-9	737253-28-0	737253-29-1	737253-30-4	737253-31-5
737253-32-6	737253-33-7	737253-34-8	737253-35-9	737253-36-0
737253-37-1	737253-38-2	737253-39-3	737253-40-6	737253-41-7
737253-42-8	737253-43-9	737253-44-0	737253-45-1	737253-46-2
737253-47-3	737253-48-4	737253-49-5	737253-50-8	737253-51-9
737253-52-0	737253-53-1	737253-54-2	737253-55-3	737253-56-4
737253-57-5	737253-58-6	737253-59-7	737253-60-0	737253-61-1
737253-62-2	737253-63-3	737253-64-4	737253-65-5	737253-66-6
737253-67-7	737253-68-8	737253-69-9	737253-70-2	737253-71-3
737253-72-4	737253-73-5	737253-74-6	737253-75-7	737253-76-8
737253-77-9	737253-78-0	737253-79-1	737253-80-4	737253-81-5
737253-82-6	737253-83-7	737253-84-8	737253-85-9	737253-86-0
737253-87-1	737253-88-2	737253-89-3	737253-90-6	737253-91-7
737253-92-8	737253-93-9	737253-94-0	737253-95-1	737253-96-2
737253-97-3	737253-98-4	737253-99-5	737254-00-1	737254-01-2
737254-02-3	737254-03-4	737254-04-5	737254-05-6	737254-06-7
737254-07-8	737254-08-9	737254-09-0	737254-10-3	737254-11-4
737254-12-5	737254-13-6	737254-14-7	737254-15-8	737254-16-9
737254-17-0	737254-18-1	737254-19-2	737254-20-5	737254-21-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737254-22-7	737254-23-8	737254-24-9	737254-25-0	737254-26-1
	737254-27-2	737254-28-3	737254-29-4	737254-30-7	737254-31-8
	737254-32-9	737254-33-0	737254-34-1	737254-35-2	737254-36-3
	737254-37-4	737254-38-5	737254-39-6	737254-40-9	737254-41-0
	737254-42-1	737254-43-2	737254-44-3	737254-45-4	737254-46-5
	737254-47-6	737254-48-7	737254-49-8	737254-50-1	737254-51-2
	737254-52-3	737254-53-4	737254-54-5	737254-55-6	737254-56-7
	737254-57-8	737254-58-9	737254-59-0	737254-60-3	737254-61-4
	737254-62-5	737254-63-6	737254-64-7	737254-65-8	737254-66-9
	737254-67-0	737254-68-1	737254-69-2	737254-70-5	737254-71-6
	737254-72-7	737254-73-8	737254-74-9	737254-75-0	737254-76-1
	737254-77-2	737254-78-3	737254-79-4	737254-80-7	737254-81-8
	737254-82-9	737254-83-0	737254-84-1	737254-85-2	737254-86-3
	737254-87-4	737254-88-5	737254-89-6	737254-90-9	737254-91-0
	737254-92-1	737254-93-2	737254-94-3	737254-95-4	737254-96-5
	737254-97-6	737254-98-7	737254-99-8	737255-00-4	737255-01-5
	737255-02-6	737255-03-7	737255-04-8	737255-05-9	737255-06-0
	737255-07-1	737255-08-2	737255-09-3	737255-10-6	737255-11-7

737255-12-8	737255-13-9	737255-14-0	737255-15-1	737255-16-2
737255-17-3	737255-18-4	737255-19-5	737255-20-8	737255-21-9
737255-22-0	737255-23-1	737255-24-2	737255-25-3	737255-26-4
737255-27-5	737255-28-6	737255-29-7	737255-30-0	737255-31-1
737255-32-2	737255-33-3	737255-34-4	737255-35-5	737255-36-6
737255-37-7	737255-38-8	737255-39-9	737255-40-2	737255-41-3
737255-42-4	737255-43-5	737255-44-6	737255-45-7	737255-46-8
737255-47-9	737255-48-0	737255-49-1	737255-50-4	737255-51-5
737255-52-6	737255-53-7	737255-54-8	737255-55-9	737255-56-0
737255-57-1	737255-58-2	737255-59-3	737255-60-6	737255-61-7
737255-62-8	737255-63-9	737255-64-0	737255-65-1	737255-66-2
737255-67-3	737255-68-4	737255-69-5	737255-70-8	737255-71-9
737255-72-0	737255-73-1	737255-74-2	737255-75-3	737255-76-4
737255-77-5	737255-78-6	737255-79-7	737255-80-0	737255-81-1
737255-82-2	737255-83-3	737255-84-4	737255-85-5	737255-86-6
737255-87-7	737255-88-8	737255-89-9	737255-90-2	737255-91-3
737255-92-4	737255-93-5	737255-94-6	737255-95-7	737255-96-8
737255-97-9	737255-98-0	737255-99-1	737256-00-7	737256-01-8
737256-02-9	737256-03-0	737256-04-1	737256-05-2	737256-06-3
737256-07-4	737256-08-5	737256-09-6	737256-10-9	737256-11-0
737256-12-1	737256-13-2	737256-14-3	737256-15-4	737256-16-5
737256-17-6	737256-18-7	737256-19-8	737256-20-1	737256-21-2
737256-22-3	737256-23-4	737256-24-5	737256-25-6	
737256-26-7	737256-27-8	737256-28-9	737256-29-0	737256-30-3
737256-31-4	737256-32-5	737256-33-6	737256-34-7	737256-35-8
737256-36-9	737256-37-0	737256-38-1	737256-39-2	737256-40-5
737256-41-6	737256-42-7	737256-43-8	737256-44-9	737256-45-0
737256-46-1	737256-47-2	737256-48-3	737256-49-4	737256-50-7
737256-51-8	737256-52-9	737256-53-0	737256-54-1	737256-55-2
737256-56-3				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	737256-57-4	737256-58-5	737256-59-6	737256-60-9	737256-61-0
	737256-62-1	737256-63-2	737256-64-3	737256-65-4	737256-66-5
	737256-67-6	737256-68-7	737256-69-8	737256-70-1	737256-71-2
	737256-72-3	737256-73-4	737256-74-5	737256-75-6	737256-76-7
	737256-77-8	737256-78-9	737256-79-0	737256-80-3	737256-81-4
	737256-82-5	737256-83-6	737256-84-7	737256-85-8	737256-86-9
	737256-87-0	737256-88-1	737256-89-2	737256-90-5	737256-91-6
	737256-92-7	737256-93-8	737256-94-9	737256-95-0	737256-96-1
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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 9005-53-2, Lignin, biological studies 11078-30-1, Galactomannan
RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 737211-16-4 737226-77-6 737256-24-5
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

RN 737211-16-4 HCAPLUS

CN Protein (Oryza sativa clone PAT_MRT4530_77553C.1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 LIFRDYRRSG FGDDWILQVI YRYCCDLGPV RPSGGRSDR RVSRGQTGQL
51 ASGWPTLCRF WFRVVCLEDIR DCFMLASRWI LCREVIKLSS TSRVLQFVFS
101 RVQRSNQRDT NGQIGGIAAV RPVGTRQSDR RQVQATAASS GGXTGRSPRA
151 RRRAPKRSRDR RNTFGQTAIR QI

RN 737226-77-6 HCAPLUS

CN Protein (Oryza sativa clone PAT_MRT4530_78973C.1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 MAKSLVSSL LAVVAVVVG AGPNPQYCPP SSCGHLGNIS YPFRAXDSR
51 PCVATPRPWY NLSCSSGRAA IQINTGTYYV SSINYTGVEF SVVDATLQDD

101 DTNGTSCPLP RSDHLPYIDY WPPYLGESST DSYGFFDLAT ASGTWACFVN
 151 CSRAITDIMP WYRPVTCLLP NNSFVVSFD DCAVGELQPS CRYLAMIPFE
 201 SRHISDNSSQ LQNASYTDII GFIRKGFVSF FPYRPDQYQS PRMSARECLK
 251 DSNRYFKERI SHPSILNLTR AIFWSETNSE VDCGYEVAPO KDRIFLGTIV
 301 SAIDIIFKHF VLFRLVLGSL VVFIFLAHKY WKTRITIDAV EKFLRMQQMI
 351 GPTRFAYTDI IAITSHFRDK LGQGGYGSVY KGVLLPGNVH IAVKMLTGSS
 401 SCNGDEFISE VSTIGRIHHV NVVRLVGFCF EEMRRALVYE YMPRGSLDKY
 451 IFSSEKSFWS DKLNEIALGI ARGINYLHQG CEMQILHFDI KPHNILLDDN
 501 FVPKVADFGL AKLYPRDKSF VPVSAARGTV GYIAPEMISR SFGVISSKSD
 551 VYSFGMLLLE MAGGRRNADP NAANSSQAYY PSRVYRELTR RETSEISDIA
 601 DMHELEKKLC IVGLWCIQMR SCDRPTMSEV IEMLEGGTDE LQVPPRPFFC
 651 DDEQLPGVES YNMPSDLTAI SEEHEDDDDD SICLFESYQ

RN 737256-24-5 HCAPLUS
 CN Protein (Oryza sativa clone PAT_MRT4530_81653C.1.pep fragment) (9CI) (CA
 INDEX NAME)

SEQ 1 MKVVRFFSKC PDCPSSVDGF AVCLPAHLPF RRCLESVCIA MLSLCWPHVW
 51 HSAPLALVDA HLSPEGRGGG SGVVAIVSCV LTVHLGPFXC THLSTTSMEA
 101 HRGEIARWLE VLTAKGVQEL VFXLDLCLPA ALFGCSSLTR LHIGVWRLPD
 151 TRDILHGAAF PHLHEMVLSC IVMEYRDLAF LLDRSNALEV LAIITCQTNM
 201 AELVCVRLAS CILRIFQVCL TIVNXIDVVD APRLERMLW MTSKH

L12 ANSWER 19 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:663850 HCAPLUS
 DN 141:186005
 ED Entered STN: 16 Aug 2004
 TI Rice nucleic acid molecules and encoded proteins and their uses for plant
 improvement
 IN La Rosa, Thomas J.; Kovalic, David K.; Zhou, Yihua; Cao, Yongwei; Wu, Wei;
 Boukharov, Andrey A.; Barbazuk, Brad W.
 PA USA
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 837,604.
 CODEN: USXXCO
 DT Patent
 LA English
 IC A01H001-00; C12N015-82; C07H021-04; C12N009-24; C12N005-04
 INCL 800278000; 435069100; 435200000; 435201000; 435419000; 536023200
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 11
 FAN.CNT 27

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
PRAI	US 2000-197872P	P	20000419	<--	
	US 2001-837604	A2	20010418		
	US 2003-437963	A	20030514		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
US 2004123343	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24IC C12N005-04
	INCL	800278000; 435069100; 435200000; 435201000; 435419000; 536023200
US 2004123343	NCL	800/278.000 <--
US 2004123343	NCL	800/278.000 <--
	ECLA	C07K014/415 <--

AB The present invention provides 102,483 cDNA sequences and their encoded
 protein sequences from rice (Oryza sativa). Bioinformatic anal.

identified putative functions and uses for the nucleic acids/polypeptides. The disclosed polynucleotides and polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of forty-one records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

- ST rice cDNA protein sequence plant transformation
- IT Stress, plant
 - (cold, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Stress, plant
 - (heat, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Recombination, genetic
 - (homologous; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Fats and Glyceridic oils, biological studies
 - Growth regulators, plant
 - RL: BSU (Biological study, unclassified); BIOL (Biological study)
 - (improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Pathogen
 - (improved tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Carbohydrates, biological studies
 - RL: BSU (Biological study, unclassified); BIOL (Biological study)
 - (improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Stress, plant
 - (osmotic, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Cell cycle
 - Disease resistance, plant
 - Growth and development, plant
 - Herbicides
 - Oryza sativa
 - Photosynthesis, biological
 - Protein sequences
 - Transformation, genetic
 - cDNA library
 - cDNA sequences
 - (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Transcription factors
 - RL: BSU (Biological study, unclassified); BIOL (Biological study)
 - (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Proteins
 - cDNA
 - RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 - (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT Embryophyta
 - (transgenic; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)
- IT 736157-82-7 736157-83-8 736157-84-9 736157-85-0 736157-87-2
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- 736157-93-0 736157-94-1 736157-95-2 736157-96-3 736592-07-7
- 736592-08-8 736592-09-9 736592-10-2 736592-11-3 736592-12-4
- 736592-13-5 736592-14-6 736592-15-7 736592-16-8 736592-17-9
- 736592-18-0 736592-19-1 736592-20-4 736592-21-5 736592-22-6
- 736592-23-7 736592-24-8 736592-25-9 736592-26-0 736592-27-1
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- 736592-38-4 736592-39-5 736592-40-8 736592-41-9 736592-42-0

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RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

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736596-48-8	736596-49-9	736596-50-2	736596-51-3	736596-52-4
736596-53-5	736596-54-6	736596-55-7	736596-56-8	736596-57-9
736596-58-0	736596-59-1	736596-60-4	736596-61-5	736596-62-6

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736596-63-7	736596-64-8	736596-65-9	736596-66-0	736596-67-1
	736596-68-2	736596-69-3	736596-70-6	736596-71-7	736596-72-8
	736596-73-9	736596-74-0	736596-75-1	736596-76-2	736596-77-3
	736596-78-4	736596-79-5	736596-80-8	736596-81-9	736596-82-0
	736596-83-1	736596-84-2	736596-85-3	736596-86-4	736596-87-5
	736596-88-6	736596-89-7	736596-90-0	736596-91-1	736596-92-2
	736596-93-3	736596-94-4	736596-95-5	736596-96-6	736596-97-7
	736596-98-8	736596-99-9	736597-00-5	736597-01-6	736597-02-7
	736597-03-8	736597-04-9	736597-05-0	736597-06-1	736597-07-2
	736597-08-3	736597-09-4	736597-10-7	736597-11-8	736597-12-9
	736597-13-0	736597-14-1	736597-15-2	736597-16-3	736597-17-4
	736597-18-5	736597-19-6	736597-20-9	736597-21-0	736597-22-1
	736597-23-2	736597-24-3	736597-25-4	736597-26-5	736597-27-6
	736597-28-7	736597-29-8	736597-30-1	736597-31-2	736597-32-3
	736597-33-4	736597-34-5	736597-35-6	736597-36-7	736597-37-8
	736597-38-9	736597-39-0	736597-40-3	736597-41-4	736597-42-5
	736597-43-6	736597-44-7	736597-45-8	736597-46-9	736597-47-0
	736597-48-1	736597-49-2	736597-50-5	736597-51-6	736597-52-7
	736597-53-8	736597-54-9	736597-55-0	736597-56-1	736597-57-2
	736597-58-3	736597-59-4	736597-60-7	736597-61-8	736597-62-9
	736597-63-0	736597-64-1	736597-65-2	736597-66-3	736597-67-4
	736597-68-5	736597-69-6	736597-70-9	736597-71-0	736597-72-1
	736597-73-2	736597-74-3	736597-75-4	736597-76-5	736597-77-6
	736597-78-7	736597-79-8	736597-80-1	736597-81-2	736597-82-3
	736597-83-4	736597-84-5	736597-85-6	736597-86-7	736597-87-8
	736597-88-9	736597-89-0	736597-90-3	736597-91-4	736597-92-5
	736597-93-6	736597-94-7	736597-95-8	736597-96-9	736597-97-0
	736597-98-1	736597-99-2	736598-00-8	736598-01-9	736598-02-0
	736598-03-1	736598-04-2	736598-05-3	736598-06-4	736598-07-5
	736598-08-6	736598-09-7	736598-10-0	736598-11-1	736598-12-2
	736598-13-3	736598-14-4	736598-15-5	736598-16-6	736598-17-7
	736598-18-8	736598-19-9	736598-20-2	736598-21-3	736598-22-4
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	736598-28-0	736598-29-1	736598-30-4	736598-31-5	736598-32-6
	736598-33-7	736598-34-8	736598-35-9	736598-36-0	736598-37-1
	736598-38-2	736598-39-3	736598-40-6	736598-41-7	736598-42-8
	736598-43-9	736598-44-0	736598-45-1	736598-46-2	736598-47-3
	736598-48-4	736598-49-5	736598-50-8	736598-51-9	736598-52-0
	736598-53-1	736598-54-2	736598-55-3	736598-56-4	736598-57-5
	736598-58-6	736598-59-7	736598-60-0	736598-61-1	736598-62-2

736598-63-3	736598-64-4	736598-65-5	736598-66-6	736598-67-7
736598-68-8	736598-69-9	736598-70-2	736598-71-3	736598-72-4
736598-73-5	736598-74-6	736598-75-7	736598-76-8	736598-77-9
736598-78-0	736598-79-1	736598-80-4	736598-81-5	736598-82-6
736598-83-7	736598-84-8	736598-85-9	736598-86-0	736598-87-1
736598-88-2	736598-89-3	736598-90-6	736598-91-7	736598-92-8
736598-93-9	736598-94-0	736598-95-1	736598-96-2	736598-97-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736598-98-4	736598-99-5	736599-00-1	736599-01-2	736599-02-3
	736599-03-4	736599-04-5	736599-05-6	736599-06-7	736599-07-8
	736599-08-9	736599-09-0	736599-10-3	736599-11-4	736599-12-5
	736599-13-6	736599-14-7	736599-15-8	736599-16-9	736599-17-0
	736599-18-1	736599-19-2	736599-20-5	736599-21-6	736599-22-7
	736599-23-8	736599-24-9	736599-25-0	736599-26-1	736599-27-2
	736599-28-3	736599-29-4	736599-30-7	736599-31-8	736599-32-9
	736599-33-0	736599-34-1	736599-35-2	736599-36-3	736599-37-4
	736599-38-5	736599-39-6	736599-40-9	736599-41-0	736599-42-1
	736599-43-2	736599-44-3	736599-45-4	736599-46-5	736599-47-6
	736599-48-7	736599-49-8	736599-50-1	736599-51-2	736599-52-3
	736599-53-4	736599-54-5	736599-55-6	736599-56-7	736599-57-8
	736599-58-9	736599-59-0	736599-60-3	736599-61-4	736599-62-5
	736599-63-6	736599-64-7	736599-65-8	736599-66-9	736599-67-0
	736599-68-1	736599-69-2	736599-70-5	736599-71-6	736599-72-7
	736599-73-8	736599-74-9	736599-75-0	736599-76-1	736599-77-2
	736599-78-3	736599-79-4	736599-80-7	736599-81-8	736599-82-9
	736599-83-0	736599-84-1	736599-85-2	736599-86-3	736599-87-4
	736599-88-5	736599-89-6	736599-90-9	736599-91-0	736599-92-1
	736599-93-2	736599-94-3	736599-95-4	736599-96-5	736599-97-6
	736599-98-7	736599-99-8	736600-00-3	736600-01-4	736600-02-5
	736600-03-6	736600-04-7	736600-05-8	736600-06-9	736600-07-0
	736600-08-1	736600-09-2	736600-10-5	736600-11-6	736600-12-7
	736600-13-8	736600-14-9	736600-15-0	736600-16-1	736600-17-2
	736600-18-3	736600-19-4	736600-20-7	736600-21-8	736600-22-9
	736600-23-0	736600-24-1	736600-25-2	736600-26-3	736600-27-4
	736600-28-5	736600-29-6	736600-30-9	736600-31-0	736600-32-1
	736600-33-2	736600-34-3	736600-35-4	736600-36-5	736600-37-6
	736600-38-7	736600-39-8	736600-40-1	736600-41-2	736600-42-3
	736600-43-4	736600-44-5	736600-45-6	736600-46-7	736600-47-8
	736600-48-9	736600-49-0	736600-50-3	736600-51-4	736600-52-5
	736600-53-6	736600-54-7	736600-55-8	736600-56-9	736600-57-0
	736600-58-1	736600-59-2	736600-60-5	736600-61-6	736600-62-7
	736600-63-8	736600-64-9	736600-65-0	736600-66-1	736600-67-2
	736600-68-3	736600-69-4	736600-70-7	736600-71-8	736600-72-9
	736600-73-0	736600-74-1	736600-75-2	736600-76-3	736600-77-4
	736600-78-5	736600-79-6	736600-80-9	736600-81-0	736600-82-1
	736600-83-2	736600-84-3	736600-85-4	736600-86-5	736600-87-6
	736600-88-7	736600-89-8	736600-90-1	736600-91-2	736600-92-3
	736600-93-4	736600-94-5	736600-95-6	736600-96-7	736600-97-8
	736600-98-9	736600-99-0	736601-00-6	736601-01-7	736601-02-8
	736601-03-9	736601-04-0	736601-05-1	736601-06-2	736601-07-3
	736601-08-4	736601-09-5	736601-10-8	736601-11-9	736601-12-0
	736601-13-1	736601-14-2	736601-15-3	736601-16-4	736601-17-5
	736601-18-6	736601-19-7	736601-20-0	736601-21-1	736601-22-2
	736601-23-3	736601-24-4	736601-25-5	736601-26-6	736601-27-7
	736601-28-8	736601-29-9	736601-30-2	736601-31-3	736601-32-4

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736601-33-5	736601-34-6	736601-35-7	736601-36-8	736601-37-9
	736601-38-0	736601-39-1	736601-40-4	736601-41-5	736601-42-6
	736601-43-7	736601-44-8	736601-45-9	736601-46-0	736601-47-1
	736601-48-2	736601-49-3	736601-50-6	736601-51-7	736601-52-8

736601-53-9	736601-54-0	736601-55-1	736601-56-2	736601-57-3
736601-58-4	736601-59-5	736601-60-8	736601-61-9	736601-62-0
736601-63-1	736601-64-2	736601-65-3	736601-66-4	736601-67-5
736601-68-6	736601-69-7	736601-70-0	736601-71-1	736601-72-2
736601-73-3	736601-74-4	736601-75-5	736601-76-6	736601-77-7
736601-78-8	736601-79-9	736601-80-2	736601-81-3	736601-82-4
736601-83-5	736601-84-6	736601-85-7	736601-86-8	736601-87-9
736601-88-0	736601-89-1	736601-90-4	736601-91-5	736601-92-6
736601-93-7	736601-94-8	736601-95-9	736601-96-0	736601-97-1
736601-98-2	736601-99-3	736602-00-9	736602-01-0	736602-02-1
736602-03-2	736602-04-3	736602-05-4	736602-06-5	736602-07-6
736602-08-7	736602-09-8	736602-10-1	736602-11-2	736602-12-3
736602-13-4	736602-14-5	736602-15-6	736602-16-7	736602-17-8
736602-18-9	736602-19-0	736602-20-3	736602-21-4	736602-22-5
736602-23-6	736602-24-7	736602-25-8	736602-26-9	736602-27-0
736602-28-1	736602-29-2	736602-30-5	736602-31-6	736602-32-7
736602-33-8	736602-34-9	736602-35-0	736602-36-1	736602-37-2
736602-38-3	736602-39-4	736602-40-7	736602-41-8	736602-42-9
736602-43-0	736602-44-1	736602-45-2	736602-46-3	736602-47-4
736602-48-5	736602-49-6	736602-50-9	736602-51-0	736602-52-1
736602-53-2	736602-54-3	736602-55-4	736602-56-5	736602-57-6
736602-58-7	736602-59-8	736602-60-1	736602-61-2	736602-62-3
736602-63-4	736602-64-5	736602-65-6	736602-66-7	736602-67-8
736602-68-9	736602-69-0	736602-70-3	736602-71-4	736602-72-5
736602-73-6	736602-74-7	736602-75-8	736602-76-9	736602-77-0
736602-78-1	736602-79-2	736602-80-5	736602-81-6	736602-82-7
736602-83-8	736602-84-9	736602-85-0	736602-86-1	736602-87-2
736602-88-3	736602-89-4	736602-90-7	736602-91-8	736602-92-9
736602-93-0	736602-94-1	736602-95-2	736602-96-3	736602-97-4
736602-98-5	736602-99-6	736603-00-2	736603-01-3	736603-02-4
736603-03-5	736603-04-6	736603-05-7	736603-06-8	736603-07-9
736603-08-0	736603-09-1	736603-10-4	736603-11-5	736603-12-6
736603-13-7	736603-14-8	736603-15-9	736603-16-0	736603-17-1
736603-18-2	736603-19-3	736603-20-6	736603-21-7	736603-22-8
736603-23-9	736603-24-0	736603-25-1	736603-26-2	736603-27-3
736603-28-4	736603-29-5	736603-30-8	736603-31-9	736603-32-0
736603-33-1	736603-34-2	736603-35-3	736603-36-4	736603-37-5
736603-38-6	736603-39-7	736603-40-0	736603-41-1	736603-42-2
736603-43-3	736603-44-4	736603-45-5	736603-46-6	736603-47-7
736603-48-8	736603-49-9	736603-50-2	736603-51-3	736603-52-4
736603-53-5	736603-54-6	736603-55-7	736603-56-8	736603-57-9
736603-58-0	736603-59-1	736603-60-4	736603-61-5	736603-62-6
736603-63-7	736603-64-8	736603-65-9	736603-66-0	736603-67-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736603-68-2	736603-69-3	736603-70-6	736603-71-7	736603-72-8
	736603-73-9	736603-74-0	736603-75-1	736603-76-2	736603-77-3
	736603-78-4	736603-79-5	736603-80-8	736603-81-9	736603-82-0
	736603-83-1	736603-84-2	736603-85-3	736603-86-4	736603-87-5
	736603-88-6	736603-89-7	736603-90-0	736603-91-1	736603-92-2
	736603-93-3	736603-94-4	736603-95-5	736603-96-6	736603-97-7
	736603-98-8	736603-99-9	736604-00-5	736604-01-6	736604-02-7
	736604-03-8	736604-04-9	736604-05-0	736604-06-1	736604-07-2
	736604-08-3	736604-09-4	736604-10-7	736604-11-8	736604-12-9
	736604-13-0	736604-14-1	736604-15-2	736604-16-3	736604-17-4
	736604-18-5	736604-19-6	736604-20-9	736604-21-0	736604-22-1
	736604-23-2	736604-24-3	736604-25-4	736604-26-5	736604-27-6
	736604-28-7	736604-29-8	736604-30-1	736604-31-2	736604-32-3
	736604-33-4	736604-34-5	736604-35-6	736604-36-7	736604-37-8
	736604-38-9	736604-39-0	736604-40-3	736604-41-4	736604-42-5
	736604-43-6	736604-44-7	736604-45-8	736604-46-9	736604-47-0
	736604-48-1	736604-49-2	736604-50-5	736604-51-6	736604-52-7
	736604-53-8	736604-54-9	736604-55-0	736604-56-1	736604-57-2
	736604-58-3	736604-59-4	736604-60-7	736604-61-8	736604-62-9

736604-63-0	736604-64-1	736604-65-2	736604-66-3	736604-67-4
736604-68-5	736604-69-6	736604-70-9	736604-71-0	736604-72-1
736604-73-2	736604-74-3	736604-75-4	736604-76-5	736604-77-6
736604-78-7	736604-79-8	736604-80-1	736604-81-2	736604-82-3
736604-83-4	736604-84-5	736604-85-6	736604-86-7	736604-87-8
736604-88-9	736604-89-0	736604-90-3	736604-91-4	736604-92-5
736604-93-6	736604-94-7	736604-95-8	736604-96-9	736604-97-0
736604-98-1	736604-99-2	736605-00-8	736605-01-9	736605-02-0
736605-03-1	736605-04-2	736605-05-3	736605-06-4	736605-07-5
736605-08-6	736605-09-7	736605-10-0	736605-11-1	736605-12-2
736605-13-3	736605-14-4	736605-15-5	736605-16-6	736605-17-7
736605-18-8	736605-19-9	736605-20-2	736605-21-3	736605-22-4
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736605-33-7	736605-34-8	736605-35-9	736605-36-0	736605-37-1
736605-38-2	736605-39-3	736605-40-6	736605-41-7	736605-42-8
736605-43-9	736605-44-0	736605-45-1	736605-46-2	736605-47-3
736605-48-4	736605-49-5	736605-50-8	736605-51-9	736605-52-0
736605-53-1	736605-54-2	736605-55-3	736605-56-4	736605-57-5
736605-58-6	736605-59-7	736605-60-0	736605-61-1	736605-62-2
736605-63-3	736605-64-4	736605-65-5	736605-66-6	736605-67-7
736605-68-8	736605-69-9	736605-70-2	736605-71-3	736605-72-4
736605-73-5	736605-74-6	736605-75-7	736605-76-8	736605-77-9
736605-78-0	736605-79-1	736605-80-4	736605-81-5	736605-82-6
736605-83-7	736605-84-8	736605-85-9	736605-86-0	736605-87-1
736605-88-2	736605-89-3	736605-90-6	736605-91-7	736605-92-8
736605-93-9	736605-94-0	736605-95-1	736605-96-2	736605-97-3
736605-98-4	736605-99-5	736606-00-1	736606-01-2	736606-02-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 736606-03-4	736606-04-5	736606-05-6	736606-06-7	736606-07-8
736606-08-9	736606-09-0	736606-10-3	736606-11-4	736606-12-5
736606-13-6	736606-14-7	736606-15-8	736606-16-9	736606-17-0
736606-18-1	736606-19-2	736606-20-5	736606-21-6	736606-22-7
736606-23-8	736606-24-9	736606-25-0	736606-26-1	736606-27-2
736606-28-3	736606-29-4	736606-30-7	736606-31-8	736606-32-9
736606-33-0	736606-34-1	736606-35-2	736606-36-3	736606-37-4
736606-38-5	736606-39-6	736606-40-9	736606-41-0	736606-42-1
736606-43-2	736606-44-3	736606-45-4	736606-46-5	736606-47-6
736606-48-7	736606-49-8	736606-50-1	736606-51-2	736606-52-3
736606-53-4	736606-54-5	736606-55-6	736606-56-7	736606-57-8
736606-58-9	736606-59-0	736606-60-3	736606-61-4	736606-62-5
736606-63-6	736606-64-7	736606-65-8	736606-66-9	736606-67-0
736606-68-1	736606-69-2	736606-70-5	736606-71-6	736606-72-7
736606-73-8	736606-74-9	736606-75-0	736606-76-1	736606-77-2
736606-78-3	736606-79-4	736606-80-7	736606-81-8	736606-82-9
736606-83-0	736606-84-1	736606-85-2	736606-86-3	736606-87-4
736606-88-5	736606-89-6	736606-90-9	736606-91-0	736606-92-1
736606-93-2	736606-94-3	736606-95-4	736606-96-5	736606-97-6
736606-98-7	736606-99-8	736607-00-4	736607-01-5	736607-02-6
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736607-08-2	736607-09-3	736607-10-6	736607-11-7	736607-12-8
736607-13-9	736607-14-0	736607-15-1	736607-16-2	736607-17-3
736607-18-4	736607-19-5	736607-20-8	736607-21-9	736607-22-0
736607-23-1	736607-24-2	736607-25-3	736607-26-4	736607-27-5
736607-28-6	736607-29-7	736607-30-0	736607-31-1	736607-32-2
736607-33-3	736607-34-4	736607-35-5	736607-36-6	736607-37-7
736607-38-8	736607-39-9	736607-40-2	736607-41-3	736607-42-4
736607-43-5	736607-44-6	736607-45-7	736607-46-8	736607-47-9
736607-48-0	736607-49-1	736607-50-4	736607-51-5	736607-52-6
736607-53-7	736607-54-8	736607-55-9	736607-56-0	736607-57-1
736607-58-2	736607-59-3	736607-60-6	736607-61-7	736607-62-8
736607-63-9	736607-64-0	736607-65-1	736607-66-2	736607-67-3
736607-68-4	736607-69-5	736607-70-8	736607-71-9	736607-72-0

736607-73-1	736607-74-2	736607-75-3	736607-76-4	736607-77-5
736607-78-6	736607-79-7	736607-80-0	736607-81-1	736607-82-2
736607-83-3	736607-84-4	736607-85-5	736607-86-6	736607-87-7
736607-88-8	736607-89-9	736607-90-2	736607-91-3	736607-92-4
736607-93-5	736607-94-6	736607-95-7	736607-96-8	736607-97-9
736607-98-0	736607-99-1	736608-00-7	736608-01-8	736608-02-9
736608-03-0	736608-04-1	736608-05-2	736608-06-3	736608-07-4
736608-08-5	736608-09-6	736608-10-9	736608-11-0	736608-12-1
736608-13-2	736608-14-3	736608-15-4	736608-16-5	736608-17-6
736608-18-7	736608-19-8	736608-20-1	736608-21-2	736608-22-3
736608-23-4	736608-24-5	736608-25-6	736608-26-7	736608-27-8
736608-28-9	736608-29-0	736608-30-3	736608-31-4	736608-32-5
736608-33-6	736608-34-7	736608-35-8	736608-36-9	736608-37-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736608-38-1	736608-39-2	736608-40-5	736608-41-6	736608-42-7
	736608-43-8	736608-44-9	736608-45-0	736608-46-1	736608-47-2
	736608-48-3	736608-49-4	736608-50-7	736608-51-8	736608-52-9
	736608-53-0	736608-54-1	736608-55-2	736608-56-3	736608-57-4
	736608-58-5	736608-59-6	736608-60-9	736608-61-0	736608-62-1
	736608-63-2	736608-64-3	736608-65-4	736608-66-5	736608-67-6
	736608-68-7	736608-69-8	736608-70-1	736608-71-2	736608-72-3
	736608-73-4	736608-74-5	736608-75-6	736608-76-7	736608-77-8
	736608-78-9	736608-79-0	736608-80-3	736608-81-4	736608-82-5
	736608-83-6	736608-84-7	736608-85-8	736608-86-9	736608-87-0
	736608-88-1	736608-89-2	736608-90-5	736608-91-6	736608-92-7
	736608-93-8	736608-94-9	736608-95-0	736608-96-1	736608-97-2
	736608-98-3	736608-99-4	736609-00-0	736609-01-1	736609-02-2
	736609-03-3	736609-04-4	736609-05-5	736609-06-6	736609-07-7
	736609-08-8	736609-09-9	736609-10-2	736609-11-3	736609-12-4
	736609-13-5	736609-14-6	736609-15-7	736609-16-8	736609-17-9
	736609-18-0	736609-19-1	736609-20-4	736609-21-5	736609-22-6
	736609-23-7	736609-24-8	736609-25-9	736609-26-0	736609-27-1
	736609-28-2	736609-29-3	736609-30-6	736609-31-7	736609-32-8
	736609-33-9	736609-34-0	736609-35-1	736609-36-2	736609-37-3
	736609-38-4	736609-39-5	736609-40-8	736609-41-9	736609-42-0
	736609-43-1	736609-44-2	736609-45-3	736609-46-4	736609-47-5
	736609-48-6	736609-49-7	736609-50-0	736609-51-1	736609-52-2
	736609-53-3	736609-54-4	736609-55-5	736609-56-6	736609-57-7
	736609-58-8	736609-59-9	736609-60-2	736609-61-3	736609-62-4
	736609-63-5	736609-64-6	736609-65-7	736609-66-8	736609-67-9
	736609-68-0	736609-69-1	736609-70-4	736609-71-5	736609-72-6
	736609-73-7	736609-74-8	736609-75-9	736609-76-0	736609-77-1
	736609-78-2	736609-79-3	736609-80-6	736609-81-7	736609-82-8
	736609-83-9	736609-84-0	736609-85-1	736609-86-2	736609-87-3
	736609-88-4	736609-89-5	736609-90-8	736609-91-9	736609-92-0
	736609-93-1	736609-94-2	736609-95-3	736609-96-4	736609-97-5
	736609-98-6	736609-99-7	736610-00-7	736610-01-8	736610-02-9
	736610-03-0	736610-04-1	736610-05-2	736610-06-3	736610-07-4
	736610-08-5	736610-09-6	736610-10-9	736610-11-0	736610-12-1
	736610-13-2	736610-14-3	736610-15-4	736610-16-5	736610-17-6
	736610-18-7	736610-19-8	736610-20-1	736610-21-2	736610-22-3
	736610-23-4	736610-24-5	736610-25-6	736610-26-7	736610-27-8
	736610-28-9	736610-29-0	736610-30-3	736610-31-4	736610-32-5
	736610-33-6	736610-34-7	736610-35-8	736610-36-9	736610-37-0
	736610-38-1	736610-39-2	736610-40-5	736610-41-6	736610-42-7
	736610-43-8	736610-44-9	736610-45-0	736610-46-1	736610-47-2
	736610-48-3	736610-49-4	736610-50-7	736610-51-8	736610-52-9
	736610-53-0	736610-54-1	736610-55-2	736610-56-3	736610-57-4
	736610-58-5	736610-59-6	736610-60-9	736610-61-0	736610-62-1
	736610-63-2	736610-64-3	736610-65-4	736610-66-5	736610-67-6
	736610-68-7	736610-69-8	736610-70-1	736610-71-2	736610-72-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)

(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736610-73-4	736610-74-5	736610-75-6	736610-76-7	736610-77-8
	736610-78-9	736610-79-0	736610-80-3	736610-81-4	736610-82-5
	736610-83-6	736610-84-7	736610-85-8	736610-86-9	736610-87-0
	736610-88-1	736610-89-2	736610-90-5	736610-91-6	736610-92-7
	736610-93-8	736610-94-9	736610-95-0	736610-96-1	736610-97-2
	736610-98-3	736610-99-4	736611-00-0	736611-01-1	736611-02-2
	736611-03-3	736611-04-4	736611-05-5	736611-06-6	736611-07-7
	736611-08-8	736611-09-9	736611-10-2	736611-11-3	736611-12-4
	736611-13-5	736611-14-6	736611-15-7	736611-16-8	736611-17-9
	736611-18-0	736611-19-1	736611-20-4	736611-21-5	736611-22-6
	736611-23-7	736611-24-8	736611-25-9	736611-26-0	736611-27-1
	736611-28-2	736611-29-3	736611-30-6	736611-31-7	736611-32-8
	736611-33-9	736611-34-0	736611-35-1	736611-36-2	736611-37-3
	736611-38-4	736611-39-5	736611-40-8	736611-41-9	736611-42-0
	736611-43-1	736611-44-2	736611-45-3	736611-46-4	736611-47-5
	736611-48-6	736611-49-7	736611-50-0	736611-51-1	736611-52-2
	736611-53-3	736611-54-4	736611-55-5	736611-56-6	736611-57-7
	736611-58-8	736611-59-9	736611-60-2	736611-61-3	736611-62-4
	736611-63-5	736611-64-6	736611-65-7	736611-66-8	736611-67-9
	736611-68-0	736611-69-1	736611-70-4	736611-71-5	736611-72-6
	736611-73-7	736611-74-8	736611-75-9	736611-76-0	736611-77-1
	736611-78-2	736611-79-3	736611-80-6	736611-81-7	736611-82-8
	736611-83-9	736611-84-0	736611-85-1	736611-86-2	736611-87-3
	736611-88-4	736611-89-5	736611-90-8	736611-91-9	736611-92-0
	736611-93-1	736611-94-2	736611-95-3	736611-96-4	736611-97-5
	736611-98-6	736611-99-7	736612-00-3	736612-01-4	736612-02-5
	736612-03-6	736612-04-7	736612-05-8	736612-06-9	736612-07-0
	736612-08-1	736612-09-2	736612-10-5	736612-11-6	736612-12-7
	736612-13-8	736612-14-9	736612-15-0	736612-16-1	736612-17-2
	736612-18-3	736612-19-4	736612-20-7	736612-21-8	736612-22-9
	736612-23-0	736612-24-1	736612-25-2	736612-26-3	736612-27-4
	736612-28-5	736612-29-6	736612-30-9	736612-31-0	736612-32-1
	736612-33-2	736612-34-3	736612-35-4	736612-36-5	736612-37-6
	736612-38-7	736612-39-8	736612-40-1	736612-41-2	736612-42-3
	736612-43-4	736612-44-5	736612-45-6	736612-46-7	736612-47-8
	736612-48-9	736612-49-0	736612-50-3	736612-51-4	736612-52-5
	736612-53-6	736612-54-7	736612-55-8	736612-56-9	736612-57-0
	736612-58-1	736612-59-2	736612-60-5	736612-61-6	736612-62-7
	736612-63-8	736612-64-9	736612-65-0	736612-66-1	736612-67-2
	736612-68-3	736612-69-4	736612-70-7	736612-71-8	
	736612-72-9	736612-73-0	736612-74-1	736612-75-2	736612-76-3
	736612-77-4	736612-78-5	736612-79-6	736612-80-9	736612-81-0
	736612-82-1	736612-83-2	736612-84-3	736612-85-4	736612-86-5
	736612-87-6	736612-88-7	736612-89-8	736612-90-1	736612-91-2
	736612-92-3	736612-93-4	736612-94-5	736612-95-6	736612-96-7
	736612-97-8	736612-98-9	736612-99-0	736613-00-6	736613-01-7
	736613-02-8	736613-03-9	736613-04-0	736613-05-1	736613-06-2
	736613-07-3				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736613-08-4	736613-09-5	736613-10-8	736613-11-9	736613-12-0
	736613-13-1	736613-14-2	736613-15-3	736613-16-4	736613-17-5
	736613-18-6	736613-19-7	736613-20-0	736613-21-1	736613-22-2
	736613-23-3	736613-24-4	736613-25-5	736613-26-6	736613-27-7
	736613-28-8	736613-29-9	736613-30-2	736613-31-3	736613-32-4
	736613-33-5	736613-34-6	736613-35-7	736613-36-8	736613-37-9
	736613-38-0	736613-39-1	736613-40-4	736613-41-5	736613-42-6
	736613-43-7	736613-44-8	736613-45-9	736613-46-0	736613-47-1
	736613-48-2	736613-49-3	736613-50-6	736613-51-7	736613-52-8
	736613-53-9	736613-54-0	736613-55-1	736613-56-2	736613-57-3
	736613-58-4	736613-59-5	736613-60-8	736613-61-9	736613-62-0
	736613-63-1	736613-64-2	736613-65-3	736613-66-4	736613-67-5

736613-68-6	736613-69-7	736613-70-0	736613-71-1	736613-72-2
736613-73-3	736613-74-4	736613-75-5	736613-76-6	736613-77-7
736613-78-8	736613-79-9	736613-80-2	736613-81-3	736613-82-4
736613-83-5	736613-84-6	736613-85-7	736613-86-8	736613-87-9
736613-88-0	736613-89-1	736613-90-4	736613-91-5	736613-92-6
736613-93-7	736613-94-8	736613-95-9	736613-96-0	736613-97-1
736613-98-2	736613-99-3	736614-00-9	736614-01-0	736614-02-1
736614-03-2	736614-04-3	736614-05-4	736614-06-5	736614-07-6
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736614-13-4	736614-14-5	736614-15-6	736614-16-7	736614-17-8
736614-18-9	736614-19-0	736614-20-3	736614-21-4	736614-22-5
736614-23-6	736614-24-7	736614-25-8	736614-26-9	736614-27-0
736614-28-1	736614-29-2	736614-30-5	736614-31-6	736614-32-7
736614-33-8	736614-34-9	736614-35-0	736614-36-1	736614-37-2
736614-38-3	736614-39-4	736614-40-7	736614-41-8	736614-42-9
736614-43-0	736614-44-1	736614-45-2	736614-46-3	736614-47-4
736614-48-5	736614-49-6	736614-50-9	736614-51-0	736614-52-1
736614-53-2	736614-54-3	736614-55-4	736614-56-5	736614-57-6
736614-58-7	736614-59-8	736614-60-1	736614-61-2	736614-62-3
736614-63-4	736614-64-5	736614-65-6	736614-66-7	736614-67-8
736614-68-9	736614-69-0	736614-70-3	736614-71-4	736614-72-5
736614-73-6	736614-74-7	736614-75-8	736614-76-9	736614-77-0
736614-78-1	736614-79-2	736614-80-5	736614-81-6	736614-82-7
736614-83-8	736614-84-9	736614-85-0	736614-86-1	736614-87-2
736614-88-3	736614-89-4	736614-90-7	736614-91-8	736614-92-9
736614-93-0	736614-94-1	736614-95-2	736614-96-3	736614-97-4
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736615-03-5	736615-04-6	736615-05-7	736615-06-8	736615-07-9
736615-08-0	736615-09-1	736615-10-4	736615-11-5	736615-12-6
736615-13-7	736615-14-8	736615-15-9	736615-16-0	736615-17-1
736615-18-2	736615-19-3	736615-20-6	736615-21-7	736615-22-8
736615-23-9	736615-24-0	736615-25-1	736615-26-2	736615-27-3
736615-28-4	736615-29-5	736615-30-8	736615-31-9	736615-32-0
736615-33-1	736615-34-2	736615-35-3	736615-36-4	736615-37-5
736615-38-6	736615-39-7	736615-40-0	736615-41-1	736615-42-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 736615-43-3	736615-44-4	736615-45-5	736615-46-6	736615-47-7
736615-48-8	736615-49-9	736615-50-2	736615-51-3	736615-52-4
736615-53-5	736615-54-6	736615-55-7	736615-56-8	736615-57-9
736615-58-0	736615-59-1	736615-60-4	736615-61-5	736615-62-6
736615-63-7	736615-64-8	736615-65-9	736615-66-0	736615-67-1
736615-68-2	736615-69-3	736615-70-6	736615-71-7	736615-72-8
736615-73-9	736615-74-0	736615-75-1	736615-76-2	736615-77-3
736615-78-4	736615-79-5	736615-80-8	736615-81-9	736615-82-0
736615-83-1	736615-84-2	736615-85-3	736615-86-4	736615-87-5
736615-88-6	736615-89-7	736615-90-0	736615-91-1	736615-92-2
736615-93-3	736615-94-4	736615-95-5	736615-96-6	736615-97-7
736615-98-8	736615-99-9	736616-00-5	736616-01-6	736616-02-7
736616-03-8	736616-04-9	736616-05-0	736616-06-1	736616-07-2
736616-08-3	736616-09-4	736616-10-7	736616-11-8	736616-12-9
736616-13-0	736616-14-1	736616-15-2	736616-16-3	736616-17-4
736616-18-5	736616-19-6	736616-20-9	736616-21-0	736616-22-1
736616-23-2	736616-24-3	736616-25-4	736616-26-5	736616-27-6
736616-28-7	736616-29-8	736616-30-1	736616-31-2	736616-32-3
736616-33-4	736616-34-5	736616-35-6	736616-36-7	736616-37-8
736616-38-9	736616-39-0	736616-40-3	736616-41-4	736616-42-5
736616-43-6	736616-44-7	736616-45-8	736616-46-9	736616-47-0
736616-48-1	736616-49-2	736616-50-5	736616-51-6	736616-52-7
736616-53-8	736616-54-9	736616-55-0	736616-56-1	736616-57-2
736616-58-3	736616-59-4	736616-60-7	736616-61-8	736616-62-9
736616-63-0	736616-64-1	736616-65-2	736616-66-3	736616-67-4
736616-68-5	736616-69-6	736616-70-9	736616-71-0	736616-72-1
736616-73-2	736616-74-3	736616-75-4	736616-76-5	736616-77-6

736616-78-7	736616-79-8	736616-80-1	736616-81-2	736616-82-3
736616-83-4	736616-84-5	736616-85-6	736616-86-7	736616-87-8
736616-88-9	736616-89-0	736616-90-3	736616-91-4	736616-92-5
736616-93-6	736616-94-7	736616-95-8	736616-96-9	736616-97-0
736616-98-1	736616-99-2	736617-00-8	736617-01-9	736617-02-0
736617-03-1	736617-04-2	736617-05-3	736617-06-4	736617-07-5
736617-08-6	736617-09-7	736617-10-0	736617-11-1	736617-12-2
736617-13-3	736617-14-4	736617-15-5	736617-16-6	736617-17-7
736617-18-8	736617-19-9	736617-20-2	736617-21-3	736617-22-4
736617-23-5	736617-24-6	736617-25-7	736617-26-8	736617-27-9
736617-28-0	736617-29-1	736617-30-4	736617-31-5	736617-32-6
736617-33-7	736617-34-8	736617-35-9	736617-36-0	736617-37-1
736617-38-2	736617-39-3	736617-40-6	736617-41-7	736617-42-8
736617-43-9	736617-44-0	736617-45-1	736617-46-2	736617-47-3
736617-48-4	736617-49-5	736617-50-8	736617-51-9	736617-52-0
736617-53-1	736617-54-2	736617-55-3	736617-56-4	736617-57-5
736617-58-6	736617-59-7	736617-60-0	736617-61-1	736617-62-2
736617-63-3	736617-64-4	736617-65-5	736617-66-6	736617-67-7
736617-68-8	736617-69-9	736617-70-2	736617-71-3	736617-72-4
736617-73-5	736617-74-6	736617-75-7	736617-76-8	736617-77-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736617-78-0	736617-79-1	736617-80-4	736617-81-5	736617-82-6
	736617-83-7	736617-84-8	736617-85-9	736617-86-0	736617-87-1
	736617-88-2	736617-89-3	736617-90-6	736617-91-7	736617-92-8
	736617-93-9	736617-94-0	736617-95-1	736617-96-2	736617-97-3
	736617-98-4	736617-99-5	736618-00-1	736618-01-2	736618-02-3
	736618-03-4	736618-04-5	736618-05-6	736618-06-7	736618-07-8
	736618-08-9	736618-09-0	736618-10-3	736618-11-4	736618-12-5
	736618-13-6	736618-14-7	736618-15-8	736618-16-9	736618-17-0
	736618-18-1	736618-19-2	736618-20-5	736618-21-6	736618-22-7
	736618-23-8	736618-24-9	736618-25-0	736618-26-1	736618-27-2
	736618-28-3	736618-29-4	736618-30-7	736618-31-8	736618-32-9
	736618-33-0	736618-34-1	736618-35-2	736618-36-3	736618-37-4
	736618-38-5	736618-39-6	736618-40-9	736618-41-0	736618-42-1
	736618-43-2	736618-44-3	736618-45-4	736618-46-5	736618-47-6
	736618-48-7	736618-49-8	736618-50-1	736618-51-2	736618-52-3
	736618-53-4	736618-54-5	736618-55-6	736618-56-7	736618-57-8
	736618-58-9	736618-59-0	736618-60-3	736618-61-4	736618-62-5
	736618-63-6	736618-64-7	736618-65-8	736618-66-9	736618-67-0
	736618-68-1	736618-69-2	736618-70-5	736618-71-6	736618-72-7
	736618-73-8	736618-74-9	736618-75-0	736618-76-1	736618-77-2
	736618-78-3	736618-79-4	736618-80-7	736618-81-8	736618-82-9
	736618-83-0	736618-84-1	736618-85-2	736618-86-3	736618-87-4
	736618-88-5	736618-89-6	736618-90-9	736618-91-0	736618-92-1
	736618-93-2	736618-94-3	736618-95-4	736618-96-5	736618-97-6
	736618-98-7	736618-99-8	736619-00-4	736619-01-5	736619-02-6
	736619-03-7	736619-04-8	736619-05-9	736619-06-0	736619-07-1
	736619-08-2	736619-09-3	736619-10-6	736619-11-7	736619-12-8
	736619-13-9	736619-14-0	736619-15-1	736619-16-2	736619-17-3
	736619-18-4	736619-19-5	736619-20-8	736619-21-9	736619-22-0
	736619-23-1	736619-24-2	736619-25-3	736619-26-4	736619-27-5
	736619-28-6	736619-29-7	736619-30-0	736619-31-1	736619-32-2
	736619-33-3	736619-34-4	736619-35-5	736619-36-6	736619-37-7
	736619-38-8	736619-39-9	736619-40-2	736619-41-3	736619-42-4
	736619-43-5	736619-44-6	736619-45-7	736619-46-8	736619-47-9
	736619-48-0	736619-49-1	736619-50-4	736619-51-5	736619-52-6
	736619-53-7	736619-54-8	736619-55-9	736619-56-0	736619-57-1
	736619-58-2	736619-59-3	736619-60-6	736619-61-7	736619-62-8
	736619-63-9	736619-64-0	736619-65-1	736619-66-2	736619-67-3
	736619-68-4	736619-69-5	736619-70-8	736619-71-9	736619-72-0
	736619-73-1	736619-74-2	736619-75-3	736619-76-4	736619-77-5
	736619-78-6	736619-79-7	736619-80-0	736619-81-1	736619-82-2
	736619-83-3	736619-84-4	736619-85-5	736619-86-6	736619-87-7

736619-88-8	736619-89-9	736619-90-2	736619-91-3	736619-92-4
736619-93-5	736619-94-6	736619-95-7	736619-96-8	736619-97-9
736619-98-0	736619-99-1	736620-00-1	736620-01-2	736620-02-3
736620-03-4	736620-04-5	736620-05-6	736620-06-7	736620-07-8
736620-08-9	736620-09-0	736620-10-3	736620-11-4	736620-12-5

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736620-13-6	736620-14-7	736620-15-8	736620-16-9	736620-17-0
	736620-18-1	736620-19-2	736620-20-5	736620-21-6	736620-22-7
	736620-23-8	736620-24-9	736620-25-0	736620-26-1	736620-27-2
	736620-28-3	736620-29-4	736620-30-7	736620-31-8	736620-32-9
	736620-33-0	736620-34-1	736620-35-2	736620-36-3	736620-37-4
	736620-38-5	736620-39-6	736620-40-9	736620-41-0	736620-42-1
	736620-43-2	736620-44-3	736620-45-4	736620-46-5	736620-47-6
	736620-48-7	736620-49-8	736620-50-1	736620-51-2	736620-52-3
	736620-53-4	736620-54-5	736620-55-6	736620-56-7	736620-57-8
	736620-58-9	736620-59-0	736620-60-3	736620-61-4	736620-62-5
	736620-63-6	736620-64-7	736620-65-8	736620-66-9	736620-67-0
	736620-68-1	736620-69-2	736620-70-5	736620-71-6	736620-72-7
	736620-73-8	736620-74-9	736620-75-0	736620-76-1	736620-77-2
	736620-78-3	736620-79-4	736620-80-7	736620-81-8	736620-82-9
	736620-83-0	736620-84-1	736620-85-2	736620-86-3	736620-87-4
	736620-88-5	736620-89-6	736620-90-9	736620-91-0	736620-92-1
	736620-93-2	736620-94-3	736620-95-4	736620-96-5	736620-97-6
	736620-98-7	736620-99-8	736621-00-4	736621-01-5	736621-02-6
	736621-03-7	736621-04-8	736621-05-9	736621-06-0	736621-07-1
	736621-08-2	736621-09-3	736621-10-6	736621-11-7	736621-12-8
	736621-13-9	736621-14-0	736621-15-1	736621-16-2	736621-17-3
	736621-18-4	736621-19-5	736621-20-8	736621-21-9	736621-22-0
	736621-23-1	736621-24-2	736621-25-3	736621-26-4	736621-27-5
	736621-28-6	736621-29-7	736621-30-0	736621-31-1	736621-32-2
	736621-33-3	736621-34-4	736621-35-5	736621-36-6	736621-37-7
	736621-38-8	736621-39-9	736621-40-2	736621-41-3	736621-42-4
	736621-43-5	736621-44-6	736621-45-7	736621-46-8	736621-47-9
	736621-48-0	736621-49-1	736621-50-4	736621-51-5	736621-52-6
	736621-53-7	736621-54-8	736621-55-9	736621-56-0	736621-57-1
	736621-58-2	736621-59-3	736621-60-6	736621-61-7	736621-62-8
	736621-63-9	736621-64-0	736621-65-1	736621-66-2	736621-67-3
	736621-68-4	736621-69-5	736621-70-8	736621-71-9	736621-72-0
	736621-73-1	736621-74-2	736621-75-3	736621-76-4	736621-77-5
	736621-78-6	736621-79-7	736621-80-0	736621-81-1	736621-82-2
	736621-83-3	736621-84-4	736621-85-5	736621-86-6	736621-87-7
	736621-88-8	736621-89-9	736621-90-2	736621-91-3	736621-92-4
	736621-93-5	736621-94-6	736621-95-7	736621-96-8	736621-97-9
	736621-98-0	736621-99-1	736622-00-7	736622-01-8	736622-02-9
	736622-03-0	736622-04-1	736622-05-2	736622-06-3	736622-07-4
	736622-08-5	736622-09-6	736622-10-9	736622-11-0	736622-12-1
	736622-13-2	736622-14-3	736622-15-4	736622-16-5	736622-17-6
	736622-18-7	736622-19-8	736622-20-1	736622-21-2	736622-22-3
	736622-23-4	736622-24-5	736622-25-6	736622-26-7	736622-27-8
	736622-28-9	736622-29-0	736622-30-3	736622-31-4	736622-32-5
	736622-33-6	736622-34-7	736622-35-8	736622-36-9	736622-37-0
	736622-38-1	736622-39-2	736622-40-5	736622-41-6	736622-42-7
	736622-43-8	736622-44-9	736622-45-0	736622-46-1	736622-47-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736622-48-3	736622-49-4	736622-50-7	736622-51-8	736622-52-9
	736622-53-0	736622-54-1	736622-55-2	736622-56-3	736622-57-4
	736622-58-5	736622-59-6	736622-60-9	736622-61-0	736622-62-1
	736622-63-2	736622-64-3	736622-65-4	736622-66-5	736622-67-6
	736622-68-7	736622-69-8	736622-70-1	736622-71-2	736622-72-3
	736622-73-4	736622-74-5	736622-75-6	736622-76-7	736622-77-8

736622-78-9	736622-79-0	736622-80-3	736622-81-4	736622-82-5
736622-83-6	736622-84-7	736622-85-8	736622-86-9	736622-87-0
736622-88-1	736622-89-2	736622-90-5	736622-91-6	736622-92-7
736622-93-8	736622-94-9	736622-95-0	736622-96-1	736622-97-2
736622-98-3	736622-99-4	736623-00-0	736623-01-1	736623-02-2
736623-03-3	736623-04-4	736623-05-5	736623-06-6	736623-07-7
736623-08-8	736623-09-9	736623-10-2	736623-11-3	736623-12-4
736623-13-5	736623-14-6	736623-15-7	736623-16-8	736623-17-9
736623-18-0	736623-19-1	736623-20-4	736623-21-5	736623-22-6
736623-23-7	736623-24-8	736623-25-9	736623-26-0	736623-27-1
736623-28-2	736623-29-3	736623-30-6	736623-31-7	736623-32-8
736623-33-9	736623-34-0	736623-35-1	736623-36-2	736623-37-3
736623-38-4	736623-39-5	736623-40-8	736623-41-9	736623-42-0
736623-43-1	736623-44-2	736623-45-3	736623-46-4	736623-47-5
736623-48-6	736623-49-7	736623-50-0	736623-51-1	736623-52-2
736623-53-3	736623-54-4	736623-55-5	736623-56-6	736623-57-7
736623-58-8	736623-59-9	736623-60-2	736623-61-3	736623-62-4
736623-63-5	736623-64-6	736623-65-7	736623-66-8	736623-67-9
736623-68-0	736623-69-1	736623-70-4	736623-71-5	736623-72-6
736623-73-7	736623-74-8	736623-75-9	736623-76-0	736623-77-1
736623-78-2	736623-79-3	736623-80-6	736623-81-7	736623-82-8
736623-83-9	736623-84-0	736623-85-1	736623-86-2	736623-87-3
736623-88-4	736623-89-5	736623-90-8	736623-91-9	736623-92-0
736623-93-1	736623-94-2	736623-95-3	736623-96-4	736623-97-5
736623-98-6	736623-99-7	736624-00-3	736624-01-4	736624-02-5
736624-03-6	736624-04-7	736624-05-8	736624-06-9	736624-07-0
736624-08-1	736624-09-2	736624-10-5	736624-11-6	736624-12-7
736624-13-8	736624-14-9	736624-15-0	736624-16-1	736624-17-2
736624-18-3	736624-19-4	736624-20-7	736624-21-8	736624-22-9
736624-23-0	736624-24-1	736624-25-2	736624-26-3	736624-27-4
736624-28-5	736624-29-6	736624-30-9	736624-31-0	736624-32-1
736624-33-2	736624-34-3	736624-35-4	736624-36-5	736624-37-6
736624-38-7	736624-39-8	736624-40-1	736624-41-2	736624-42-3
736624-43-4	736624-44-5	736624-45-6	736624-46-7	736624-47-8
736624-48-9	736624-49-0	736624-50-3	736624-51-4	736624-52-5
736624-53-6	736624-54-7	736624-55-8	736624-56-9	736624-57-0
736624-58-1	736624-59-2	736624-60-5	736624-61-6	736624-62-7
736624-63-8	736624-64-9	736624-65-0	736624-66-1	736624-67-2
736624-68-3	736624-69-4	736624-70-7	736624-71-8	736624-72-9
736624-73-0	736624-74-1	736624-75-2	736624-76-3	736624-77-4
736624-78-5	736624-79-6	736624-80-9	736624-81-0	736624-82-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736624-83-2	736624-84-3	736624-85-4	736624-86-5	736624-87-6
	736624-88-7	736624-89-8	736624-90-1	736624-91-2	736624-92-3
	736624-93-4	736624-94-5	736624-95-6	736624-96-7	736624-97-8
	736624-98-9	736624-99-0	736625-00-6	736625-01-7	736625-02-8
	736625-03-9	736625-04-0	736625-05-1	736625-06-2	736625-07-3
	736625-08-4	736625-09-5	736625-10-8	736625-11-9	736625-12-0
	736625-13-1	736625-14-2	736625-15-3	736625-16-4	736625-17-5
	736625-18-6	736625-19-7	736625-20-0	736625-21-1	736625-22-2
	736625-23-3	736625-24-4	736625-25-5	736625-26-6	736625-27-7
	736625-28-8	736625-29-9	736625-30-2	736625-31-3	736625-32-4
	736625-33-5	736625-34-6	736625-35-7	736625-36-8	736625-37-9
	736625-38-0	736625-39-1	736625-40-4	736625-41-5	736625-42-6
	736625-43-7	736625-44-8	736625-45-9	736625-46-0	736625-47-1
	736625-48-2	736625-49-3	736625-50-6	736625-51-7	736625-52-8
	736625-53-9	736625-54-0	736625-55-1	736625-56-2	736625-57-3
	736625-58-4	736625-59-5	736625-60-8	736625-61-9	736625-62-0
	736625-63-1	736625-64-2	736625-65-3	736625-66-4	736625-67-5
	736625-68-6	736625-69-7	736625-70-0	736625-71-1	736625-72-2
	736625-73-3	736625-74-4	736625-75-5	736625-76-6	736625-77-7
	736625-78-8	736625-79-9	736625-80-2	736625-81-3	736625-82-4
	736625-83-5	736625-84-6	736625-85-7	736625-86-8	736625-87-9

736625-88-0	736625-89-1	736625-90-4	736625-91-5	736625-92-6
736625-93-7	736625-94-8	736625-95-9	736625-96-0	736625-97-1
736625-98-2	736625-99-3	736626-00-9	736626-01-0	736626-02-1
736626-03-2	736626-04-3	736626-05-4	736626-06-5	736626-07-6
736626-08-7	736626-09-8	736626-10-1	736626-11-2	736626-12-3
736626-13-4	736626-14-5	736626-15-6	736626-16-7	736626-17-8
736626-18-9	736626-19-0	736626-20-3	736626-21-4	736626-22-5
736626-23-6	736626-24-7	736626-25-8	736626-26-9	736626-27-0
736626-28-1	736626-29-2	736626-30-5	736626-31-6	736626-32-7
736626-33-8	736626-34-9	736626-35-0	736626-36-1	736626-37-2
736626-38-3	736626-39-4	736626-40-7	736626-41-8	736626-42-9
736626-43-0	736626-44-1	736626-45-2	736626-46-3	736626-47-4
736626-48-5	736626-49-6	736626-50-9	736626-51-0	736626-52-1
736626-53-2	736626-54-3	736626-55-4	736626-56-5	736626-57-6
736626-58-7	736626-59-8	736626-60-1	736626-61-2	736626-62-3
736626-63-4	736626-64-5	736626-65-6	736626-66-7	736626-67-8
736626-68-9	736626-69-0	736626-70-3	736626-71-4	736626-72-5
736626-73-6	736626-74-7	736626-75-8	736626-76-9	736626-77-0
736626-78-1	736626-79-2	736626-80-5	736626-81-6	736626-82-7
736626-83-8	736626-84-9	736626-85-0	736626-86-1	736626-87-2
736626-88-3	736626-89-4	736626-90-7	736626-91-8	736626-92-9
736626-93-0	736626-94-1	736626-95-2	736626-96-3	736626-97-4
736626-98-5	736626-99-6	736627-00-2	736627-01-3	736627-02-4
736627-03-5	736627-04-6	736627-05-7	736627-06-8	736627-07-9
736627-08-0	736627-09-1	736627-10-4	736627-11-5	736627-12-6
736627-13-7	736627-14-8	736627-15-9	736627-16-0	736627-17-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736627-18-2	736627-19-3	736627-20-6	736627-21-7	736627-22-8
	736627-23-9	736627-24-0	736627-25-1	736627-26-2	736627-27-3
	736627-28-4	736627-29-5	736627-30-8	736627-31-9	736627-32-0
	736627-33-1	736627-34-2	736627-35-3	736627-36-4	736627-37-5
	736627-38-6	736627-39-7	736627-40-0	736627-41-1	736627-42-2
	736627-43-3	736627-44-4	736627-45-5	736627-46-6	736627-47-7
	736627-48-8	736627-49-9	736627-50-2	736627-51-3	736627-52-4
	736627-53-5	736627-54-6	736627-55-7	736627-56-8	736627-57-9
	736627-58-0	736627-59-1	736627-60-4	736627-61-5	736627-62-6
	736627-63-7	736627-64-8	736627-65-9	736627-66-0	736627-67-1
	736627-68-2	736627-69-3	736627-70-6	736627-71-7	736627-72-8
	736627-73-9	736627-74-0	736627-75-1	736627-76-2	736627-77-3
	736627-78-4	736627-79-5	736627-80-8	736627-81-9	736627-82-0
	736627-83-1	736627-84-2	736627-85-3	736627-86-4	736627-87-5
	736627-88-6	736627-89-7	736627-90-0	736627-91-1	736627-92-2
	736627-93-3	736627-94-4	736627-95-5	736627-96-6	736627-97-7
	736627-98-8	736627-99-9	736628-00-5	736628-01-6	736628-02-7
	736628-03-8	736628-04-9	736628-05-0	736628-06-1	736628-07-2
	736628-08-3	736628-09-4	736628-10-7	736628-11-8	736628-12-9
	736628-13-0	736628-14-1	736628-15-2	736628-16-3	736628-17-4
	736628-18-5	736628-19-6	736628-20-9	736628-21-0	736628-22-1
	736628-23-2	736628-24-3	736628-25-4	736628-26-5	736628-27-6
	736628-28-7	736628-29-8	736628-30-1	736628-31-2	736628-32-3
	736628-33-4	736628-34-5	736628-35-6	736628-36-7	736628-37-8
	736628-38-9	736628-39-0	736628-40-3	736628-41-4	736628-42-5
	736628-43-6	736628-44-7	736628-45-8	736628-46-9	736628-47-0
	736628-48-1	736628-49-2	736628-50-5	736628-51-6	736628-52-7
	736628-53-8	736628-54-9	736628-55-0	736628-56-1	736628-57-2
	736628-58-3	736628-59-4	736628-60-7	736628-61-8	736628-62-9
	736628-63-0	736628-64-1	736628-65-2	736628-66-3	736628-67-4
	736628-68-5	736628-69-6	736628-70-9	736628-71-0	736628-72-1
	736628-73-2	736628-74-3	736628-75-4	736628-76-5	736628-77-6
	736628-78-7	736628-79-8	736628-80-1	736628-81-2	736628-82-3
	736628-83-4	736628-84-5	736628-85-6	736628-86-7	736628-87-8
	736628-88-9	736628-89-0	736628-90-3	736628-91-4	736628-92-5
	736628-93-6	736628-94-7	736628-95-8	736628-96-9	736628-97-0

736628-98-1	736628-99-2	736629-00-8	736629-01-9	736629-02-0
736629-03-1	736629-04-2	736629-05-3	736629-06-4	736629-07-5
736629-08-6	736629-09-7	736629-10-0	736629-11-1	736629-12-2
736629-13-3	736629-14-4	736629-15-5	736629-16-6	736629-17-7
736629-18-8	736629-19-9	736629-20-2	736629-21-3	736629-22-4
736629-23-5	736629-24-6	736629-25-7	736629-26-8	736629-27-9
736629-28-0	736629-29-1	736629-30-4	736629-31-5	736629-32-6
736629-33-7	736629-34-8	736629-35-9	736629-36-0	736629-37-1
736629-38-2	736629-39-3	736629-40-6	736629-41-7	736629-42-8
736629-43-9	736629-44-0	736629-45-1	736629-46-2	736629-47-3
736629-48-4	736629-49-5	736629-50-8	736629-51-9	736629-52-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736629-53-1	736629-54-2	736629-55-3	736629-56-4	736629-57-5
	736629-58-6	736629-59-7	736629-60-0	736629-61-1	736629-62-2
	736629-63-3	736629-64-4	736629-65-5	736629-66-6	736629-67-7
	736629-68-8	736629-69-9	736629-70-2	736629-71-3	736629-72-4
	736629-73-5	736629-74-6	736629-75-7	736629-76-8	736629-77-9
	736629-78-0	736629-79-1	736629-80-4	736629-81-5	736629-82-6
	736629-83-7	736629-84-8	736629-85-9	736629-86-0	736629-87-1
	736629-88-2	736629-89-3	736629-90-6	736629-91-7	736629-92-8
	736629-93-9	736629-94-0	736629-95-1	736629-96-2	736629-97-3
	736629-98-4	736629-99-5	736630-00-5	736630-01-6	736630-02-7
	736630-03-8	736630-04-9	736630-05-0	736630-06-1	736630-07-2
	736630-08-3	736630-09-4	736630-10-7	736630-11-8	736630-12-9
	736630-13-0	736630-14-1	736630-15-2	736630-16-3	736630-17-4
	736630-18-5	736630-19-6	736630-20-9	736630-21-0	736630-22-1
	736630-23-2	736630-24-3	736630-25-4	736630-26-5	736630-27-6
	736630-28-7	736630-29-8	736630-30-1	736630-31-2	736630-32-3
	736630-33-4	736630-34-5	736630-35-6	736630-36-7	736630-37-8
	736630-38-9	736630-39-0	736630-40-3	736630-41-4	736630-42-5
	736630-43-6	736630-44-7	736630-45-8	736630-46-9	736630-47-0
	736630-48-1	736630-49-2	736630-50-5	736630-51-6	736630-52-7
	736630-53-8	736630-54-9	736630-55-0	736630-56-1	736630-57-2
	736630-58-3	736630-59-4	736630-60-7	736630-61-8	736630-62-9
	736630-63-0	736630-64-1	736630-65-2	736630-66-3	736630-67-4
	736630-68-5	736630-69-6	736630-70-9	736630-71-0	736630-72-1
	736630-73-2	736630-74-3	736630-75-4	736630-76-5	736630-77-6
	736630-78-7	736630-79-8	736630-80-1	736630-81-2	736630-82-3
	736630-83-4	736630-84-5	736630-85-6	736630-86-7	736630-87-8
	736630-88-9	736630-89-0	736630-90-3	736630-91-4	736630-92-5
	736630-93-6	736630-94-7	736630-95-8	736630-96-9	736630-97-0
	736630-98-1	736630-99-2	736631-00-8	736631-01-9	736631-02-0
	736631-03-1	736631-04-2	736631-05-3	736631-06-4	736631-07-5
	736631-08-6	736631-09-7	736631-10-0	736631-11-1	736631-12-2
	736631-13-3	736631-14-4	736631-15-5	736631-16-6	736631-17-7
	736631-18-8	736631-19-9	736631-20-2	736631-21-3	736631-22-4
	736631-23-5	736631-24-6	736631-25-7	736631-26-8	736631-27-9
	736631-28-0	736631-29-1	736631-30-4	736631-31-5	736631-32-6
	736631-33-7	736631-34-8	736631-35-9	736631-36-0	736631-37-1
	736631-38-2	736631-39-3	736631-40-6	736631-41-7	736631-42-8
	736631-43-9	736631-44-0	736631-45-1	736631-46-2	736631-47-3
	736631-48-4	736631-49-5	736631-50-8	736631-51-9	736631-52-0
	736631-53-1	736631-54-2	736631-55-3	736631-56-4	736631-57-5
	736631-58-6	736631-59-7	736631-60-0	736631-61-1	736631-62-2
	736631-63-3	736631-64-4	736631-65-5	736631-66-6	736631-67-7
	736631-68-8	736631-69-9	736631-70-2	736631-71-3	736631-72-4
	736631-73-5	736631-74-6	736631-75-7	736631-76-8	736631-77-9
	736631-78-0	736631-79-1	736631-80-4	736631-81-5	736631-82-6
	736631-83-7	736631-84-8	736631-85-9	736631-86-0	736631-87-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736631-88-2	736631-89-3	736631-90-6	736631-91-7	736631-92-8
	736631-93-9	736631-94-0	736631-95-1	736631-96-2	736631-97-3
	736631-98-4	736631-99-5	736632-00-1	736632-01-2	736632-02-3
	736632-03-4	736632-04-5	736632-05-6	736632-06-7	736632-07-8
	736632-08-9	736632-09-0	736632-10-3	736632-11-4	736632-12-5
	736632-13-6	736632-14-7	736632-15-8	736632-16-9	736632-17-0
	736632-18-1	736632-19-2	736632-20-5	736632-21-6	736632-22-7
	736632-23-8	736632-24-9	736632-25-0	736632-26-1	736632-27-2
	736632-28-3	736632-29-4	736632-30-7	736632-31-8	736632-32-9
	736632-33-0	736632-34-1	736632-35-2	736632-36-3	736632-37-4
	736632-38-5	736632-39-6	736632-40-9	736632-41-0	736632-42-1
	736632-43-2	736632-44-3	736632-45-4	736632-46-5	736632-47-6
	736632-48-7	736632-49-8	736632-50-1	736632-51-2	736632-52-3
	736632-53-4	736632-54-5	736632-55-6	736632-56-7	736632-57-8
	736632-58-9	736632-59-0	736632-60-3	736632-61-4	736632-62-5
	736632-63-6	736632-64-7	736632-65-8	736632-66-9	736632-67-0
	736632-68-1	736632-69-2	736632-70-5	736632-71-6	736632-72-7
	736632-73-8	736632-74-9	736632-75-0	736632-76-1	736632-77-2
	736632-78-3	736632-79-4	736632-80-7	736632-81-8	736632-82-9
	736632-83-0	736632-84-1	736632-85-2	736632-86-3	736632-87-4
	736632-88-5	736632-89-6	736632-90-9	736632-91-0	736632-92-1
	736632-93-2	736632-94-3	736632-95-4	736632-96-5	736632-97-6
	736632-98-7	736632-99-8	736633-00-4	736633-01-5	736633-02-6
	736633-03-7	736633-04-8	736633-05-9	736633-06-0	736633-07-1
	736633-08-2	736633-09-3	736633-10-6	736633-11-7	736633-12-8
	736633-13-9	736633-14-0	736633-15-1	736633-16-2	736633-17-3
	736633-18-4	736633-19-5	736633-20-8	736633-21-9	736633-22-0
	736633-23-1	736633-24-2	736633-25-3	736633-26-4	736633-27-5
	736633-28-6	736633-29-7	736633-30-0	736633-31-1	736633-32-2
	736633-33-3	736633-34-4	736633-35-5	736633-36-6	736633-37-7
	736633-38-8	736633-39-9	736633-40-2	736633-41-3	736633-42-4
	736633-43-5	736633-44-6	736633-45-7	736633-46-8	736633-47-9
	736633-48-0	736633-49-1	736633-50-4	736633-51-5	736633-52-6
	736633-53-7	736633-54-8	736633-55-9	736633-56-0	736633-57-1
	736633-58-2	736633-59-3	736633-60-6	736633-61-7	736633-62-8
	736633-63-9	736633-64-0	736633-65-1	736633-66-2	736633-67-3
	736633-68-4	736633-69-5	736633-70-8	736633-71-9	736633-72-0
	736633-73-1	736633-74-2	736633-75-3	736633-76-4	736633-77-5
	736633-78-6	736633-79-7	736633-80-0	736633-81-1	736633-82-2
	736633-83-3	736633-84-4	736633-85-5	736633-86-6	736633-87-7
	736633-88-8	736633-89-9	736633-90-2	736633-91-3	736633-92-4
	736633-93-5	736633-94-6	736633-95-7	736633-96-8	736633-97-9
	736633-98-0	736633-99-1	736634-00-7	736634-01-8	736634-02-9
	736634-03-0	736634-04-1	736634-05-2	736634-06-3	736634-07-4
	736634-08-5	736634-09-6	736634-10-9	736634-11-0	736634-12-1
	736634-13-2	736634-14-3	736634-15-4	736634-16-5	736634-17-6
	736634-18-7	736634-19-8	736634-20-1	736634-21-2	736634-22-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736634-23-4	736634-24-5	736634-25-6	736634-26-7	736634-27-8
	736634-28-9	736634-29-0	736634-30-3	736634-31-4	736634-32-5
	736634-33-6	736634-34-7	736634-35-8	736634-36-9	736634-37-0
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	736634-43-8	736634-44-9	736634-45-0	736634-46-1	736634-47-2
	736634-48-3	736634-49-4	736634-50-7	736634-51-8	736634-52-9
	736634-53-0	736634-54-1	736634-55-2	736634-56-3	736634-57-4
	736634-58-5	736634-59-6	736634-60-9	736634-61-0	736634-62-1
	736634-63-2	736634-64-3	736634-65-4	736634-66-5	736634-67-6
	736634-68-7	736634-69-8	736634-70-1	736634-71-2	736634-72-3
	736634-73-4	736634-74-5	736634-75-6	736634-76-7	736634-77-8
	736634-78-9	736634-79-0	736634-80-3	736634-81-4	736634-82-5
	736634-83-6	736634-84-7	736634-85-8	736634-86-9	736634-87-0
	736634-88-1	736634-89-2	736634-90-5	736634-91-6	736634-92-7
	736634-93-8	736634-94-9	736634-95-0	736634-96-1	736634-97-2

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736636-48-9	736636-49-0	736636-50-3	736636-51-4	736636-52-5
736636-53-6	736636-54-7	736636-55-8	736636-56-9	736636-57-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736636-58-1	736636-59-2	736636-60-5	736636-61-6	736636-62-7
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	736636-68-3	736636-69-4	736636-70-7	736636-71-8	736636-72-9
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	736636-78-5	736636-79-6	736636-80-9	736636-81-0	736636-82-1
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	736636-88-7	736636-89-8	736636-90-1	736636-91-2	736636-92-3
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	736637-98-2	736637-99-3	736638-00-9	736638-01-0	736638-02-1
	736638-03-2	736638-04-3	736638-05-4	736638-06-5	736638-07-6

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736638-88-3	736638-89-4	736638-90-7	736638-91-8	736638-92-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 736638-93-0	736638-94-1	736638-95-2	736638-96-3	736638-97-4
736638-98-5	736638-99-6	736639-00-2	736639-01-3	736639-02-4
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 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

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 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 9005-53-2, Lignin, biological studies 11078-30-1, Galactomannan
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 736612-71-8
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

RN 736612-71-8 HCAPLUS
 CN Protein (Oryza sativa clone PAT_MRT4530_74762C.1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 SNPTRPVRRM LVFGLGLMFI QQATGVDCVL MYSPRVFXRA TLTRKSHWLA
 51 ACMAVFRCKI LLILIALTXM DRVCQRPFQL ASGSWMGILL FTLATCLLMM
 101 DRRPEGQANX SWRLKILSKL SFRAFFAFGL GPVPWV

L12 ANSWER 20 OF 522 HCAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:663849 HCAPLUS
 DN 141:186004
 ED Entered STN: 16 Aug 2004
 TI Rice nucleic acid molecules and encoded proteins and their uses for plant improvement
 IN La Rosa, Thomas J.; Kovalic, David K.; Zhou, Yihua; Cao, Yongwei; Wu, Wei; Boukharov, Andrey A.; Barbazuk, Brad W.
 PA USA
 SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. Ser. No. 837,604.
 CODEN: USXXCO
 DT Patent
 LA English
 IC A01H001-00; C12N015-82; C07H021-04; C12N009-24; C12N005-04
 INCL 800278000; 435069100; 435200000; 435201000; 435419000; 536023200
 CC 3-3 (Biochemical Genetics)
 Section cross-reference(s): 6, 11
 FAN.CNT 27

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
	US 2004123343	A1	20040624	US 2003-437963	20030514 <--
PRAI	US 2000-197872P	P	20000419	<--	
	US 2001-837604	A2	20010418		
	US 2003-437963	A	20030514		

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
	US 2004123343	IC	A01H001-00IC C12N015-82IC C07H021-04IC C12N009-24IC C12N005-04
		INCL	800278000; 435069100; 435200000; 435201000; 435419000; 536023200
	US 2004123343	NCL	800/278.000 <--
	US 2004123343	NCL	800/278.000
		ECLA	C07K014/415 <--
AB	The present invention provides 102,483 cDNA sequences and their encoded protein sequences from rice (<i>Oryza sativa</i>). Bioinformatic anal. identified putative functions and uses for the nucleic acids/polypeptides. The disclosed polynucleotides and polypeptides find use in production of transgenic plants to produce plants having improved properties. [This abstract record is one of forty-one records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.].		
ST	rice cDNA protein sequence plant transformation		
IT	Stress, plant (cold, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)		
IT	Stress, plant (heat, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)		
IT	Recombination, genetic (homologous; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)		
IT	Fats and Glyceridic oils, biological studies Growth regulators, plant RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)		
IT	Pathogen (improved tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)		
IT	Carbohydrates, biological studies RL: BSU (Biological study, unclassified); BIOL (Biological study) (improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)		
IT	Stress, plant (osmotic, tolerance to; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)		
IT	Cell cycle Disease resistance, plant Growth and development, plant Herbicides <i>Oryza sativa</i> Photosynthesis, biological Protein sequences Transformation, genetic cDNA library cDNA sequences (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)		
IT	Transcription factors RL: BSU (Biological study, unclassified); BIOL (Biological study) (rice nucleic acid mols. and encoded proteins and their uses for plant improvement)		

IT Proteins
cDNA
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT Embryophyta
(transgenic; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT

736157-11-2	736157-12-3	736157-13-4	736157-14-5	736157-15-6
736157-16-7	736157-17-8	736157-18-9	736157-19-0	736157-20-3
736157-21-4	736157-22-5	736157-23-6	736157-24-7	736157-26-9
736157-27-0	736157-28-1	736157-29-2	736157-30-5	736157-31-6
736157-32-7	736542-34-0	736542-35-1	736542-36-2	736542-37-3
736542-38-4	736542-39-5	736542-40-8	736542-41-9	736542-42-0
736542-43-1	736542-44-2	736542-45-3	736542-46-4	736542-47-5
736542-48-6	736542-49-7	736542-50-0	736542-51-1	736542-52-2
736542-53-3	736542-54-4	736542-55-5	736542-56-6	736542-57-7
736542-58-8	736542-59-9	736542-60-2	736542-61-3	736542-62-4
736542-63-5	736542-64-6	736542-65-7	736542-66-8	736542-67-9
736542-68-0	736542-69-1	736542-70-4	736542-71-5	736542-72-6
736542-73-7	736542-74-8	736542-75-9	736542-76-0	736542-77-1
736542-78-2	736542-79-3	736542-80-6	736542-81-7	736542-82-8
736542-83-9	736542-84-0	736542-85-1	736542-86-2	736542-87-3
736542-88-4	736542-89-5	736542-90-8	736542-91-9	736542-92-0
736542-93-1	736542-94-2	736542-95-3	736542-96-4	736542-97-5
736542-98-6	736542-99-7	736543-00-3	736543-01-4	736543-02-5
736543-03-6	736543-04-7	736543-05-8	736543-06-9	736543-07-0
736543-08-1	736543-09-2	736543-10-5	736543-11-6	736543-12-7
736543-13-8	736543-14-9	736543-15-0	736543-16-1	736543-17-2
736543-18-3	736543-19-4	736543-20-7	736543-21-8	736543-22-9
736543-23-0	736543-24-1	736543-25-2	736543-26-3	736543-27-4
736543-28-5	736543-29-6	736543-30-9	736543-31-0	736543-32-1
736543-33-2	736543-34-3	736543-35-4	736543-36-5	736543-37-6
736543-38-7	736543-39-8	736543-40-1	736543-41-2	736543-42-3
736543-43-4	736543-44-5	736543-45-6	736543-46-7	736543-47-8
736543-48-9	736543-49-0	736543-50-3	736543-51-4	736543-52-5
736543-53-6	736543-54-7	736543-55-8	736543-56-9	736543-57-0
736543-58-1	736543-59-2	736543-60-5	736543-61-6	736543-62-7
736543-63-8	736543-64-9	736543-65-0	736543-66-1	736543-67-2
736543-68-3	736543-69-4	736543-70-7	736543-71-8	736543-72-9
736543-73-0	736543-74-1	736543-75-2	736543-76-3	736543-77-4
736543-78-5	736543-79-6	736543-80-9	736543-81-0	736543-82-1
736543-83-2	736543-84-3	736543-85-4	736543-86-5	736543-87-6
736543-88-7	736543-89-8	736543-90-1	736543-91-2	736543-92-3
736543-93-4	736543-94-5	736543-95-6	736543-96-7	736543-97-8
736543-98-9	736543-99-0	736544-00-6	736544-01-7	736544-02-8
736544-03-9	736544-04-0	736544-05-1	736544-06-2	736544-07-3
736544-08-4	736544-09-5	736544-10-8	736544-11-9	736544-12-0
736544-13-1	736544-14-2	736544-15-3	736544-16-4	736544-17-5
736544-18-6	736544-19-7	736544-20-0	736544-21-1	736544-22-2
736544-23-3	736544-24-4	736544-25-5	736544-26-6	736544-27-7
736544-28-8	736544-29-9	736544-30-2	736544-31-3	736544-32-4
736544-33-5	736544-34-6	736544-35-7	736544-36-8	736544-37-9
736544-38-0	736544-39-1	736544-40-4	736544-41-5	736544-42-6
736544-43-7	736544-44-8	736544-45-9	736544-46-0	736544-47-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT

736544-48-2	736544-49-3	736544-50-6	736544-51-7	736544-52-8
736544-53-9	736544-54-0	736544-55-1	736544-56-2	736544-57-3
736544-58-4	736544-59-5	736544-60-8	736544-61-9	736544-62-0
736544-63-1	736544-64-2	736544-65-3	736544-66-4	736544-67-5
736544-68-6	736544-69-7	736544-70-0	736544-71-1	736544-72-2
736544-73-3	736544-74-4	736544-75-5	736544-76-6	736544-77-7

736544-78-8	736544-79-9	736544-80-2	736544-81-3	736544-82-4
736544-83-5	736544-84-6	736544-85-7	736544-86-8	736544-87-9
736544-88-0	736544-89-1	736544-90-4	736544-91-5	736544-92-6
736544-93-7	736544-94-8	736544-95-9	736544-96-0	736544-97-1
736544-98-2	736544-99-3	736545-00-9	736545-01-0	736545-02-1
736545-03-2	736545-04-3	736545-05-4	736545-06-5	736545-07-6
736545-08-7	736545-09-8	736545-10-1	736545-11-2	736545-12-3
736545-13-4	736545-14-5	736545-15-6	736545-16-7	736545-17-8
736545-18-9	736545-19-0	736545-20-3	736545-21-4	736545-22-5
736545-23-6	736545-24-7	736545-25-8	736545-26-9	736545-27-0
736545-28-1	736545-29-2	736545-30-5	736545-31-6	736545-32-7
736545-33-8	736545-34-9	736545-35-0	736545-36-1	736545-37-2
736545-38-3	736545-39-4	736545-40-7	736545-41-8	736545-42-9
736545-43-0	736545-44-1	736545-45-2	736545-46-3	736545-47-4
736545-48-5	736545-49-6	736545-50-9	736545-51-0	736545-52-1
736545-53-2	736545-54-3	736545-55-4	736545-56-5	736545-57-6
736545-58-7	736545-59-8	736545-60-1	736545-61-2	736545-62-3
736545-63-4	736545-64-5	736545-65-6	736545-66-7	736545-67-8
736545-68-9	736545-69-0	736545-70-3	736545-71-4	736545-72-5
736545-73-6	736545-74-7	736545-75-8	736545-76-9	736545-77-0
736545-78-1	736545-79-2	736545-80-5	736545-81-6	736545-82-7
736545-83-8	736545-84-9	736545-85-0	736545-86-1	736545-87-2
736545-88-3	736545-89-4	736545-90-7	736545-91-8	736545-92-9
736545-93-0	736545-94-1	736545-95-2	736545-96-3	736545-97-4
736545-98-5	736545-99-6	736546-00-2	736546-01-3	736546-02-4
736546-03-5	736546-04-6	736546-05-7	736546-06-8	736546-07-9
736546-08-0	736546-09-1	736546-10-4	736546-11-5	736546-12-6
736546-13-7	736546-14-8	736546-15-9	736546-16-0	736546-17-1
736546-18-2	736546-19-3	736546-20-6	736546-21-7	736546-22-8
736546-23-9	736546-24-0	736546-25-1	736546-26-2	736546-27-3
736546-28-4	736546-29-5	736546-30-8	736546-31-9	736546-32-0
736546-33-1	736546-34-2	736546-35-3	736546-36-4	736546-37-5
736546-38-6	736546-39-7	736546-40-0	736546-41-1	736546-42-2
736546-43-3	736546-44-4	736546-45-5	736546-46-6	736546-47-7
736546-48-8	736546-49-9	736546-50-2	736546-51-3	736546-52-4
736546-53-5	736546-54-6	736546-55-7	736546-56-8	736546-57-9
736546-58-0	736546-59-1	736546-60-4	736546-61-5	736546-62-6
736546-63-7	736546-64-8	736546-65-9	736546-66-0	736546-67-1
736546-68-2	736546-69-3	736546-70-6	736546-71-7	736546-72-8
736546-73-9	736546-74-0	736546-75-1	736546-76-2	736546-77-3
736546-78-4	736546-79-5	736546-80-8	736546-81-9	736546-82-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736546-83-1	736546-84-2	736546-85-3	736546-86-4	736546-87-5
	736546-88-6	736546-89-7	736546-90-0	736546-91-1	736546-92-2
	736546-93-3	736546-94-4	736546-95-5	736546-96-6	736546-97-7
	736546-98-8	736546-99-9	736547-00-5	736547-01-6	736547-02-7
	736547-03-8	736547-04-9	736547-05-0	736547-06-1	736547-07-2
	736547-08-3	736547-09-4	736547-10-7	736547-11-8	736547-12-9
	736547-13-0	736547-14-1	736547-15-2	736547-16-3	736547-17-4
	736547-18-5	736547-19-6	736547-20-9	736547-21-0	736547-22-1
	736547-23-2	736547-24-3	736547-25-4	736547-26-5	736547-27-6
	736547-28-7	736547-29-8	736547-30-1	736547-31-2	736547-32-3
	736547-33-4	736547-34-5	736547-35-6	736547-36-7	736547-37-8
	736547-38-9	736547-39-0	736547-40-3	736547-41-4	736547-42-5
	736547-43-6	736547-44-7	736547-45-8	736547-46-9	736547-47-0
	736547-48-1	736547-49-2	736547-50-5	736547-51-6	736547-52-7
	736547-53-8	736547-54-9	736547-55-0	736547-56-1	736547-57-2
	736547-58-3	736547-59-4	736547-60-7	736547-61-8	736547-62-9
	736547-63-0	736547-64-1	736547-65-2	736547-66-3	736547-67-4
	736547-68-5	736547-69-6	736547-70-9	736547-71-0	736547-72-1
	736547-73-2	736547-74-3	736547-75-4	736547-76-5	736547-77-6
	736547-78-7	736547-79-8	736547-80-1	736547-81-2	736547-82-3
	736547-83-4	736547-84-5	736547-85-6	736547-86-7	736547-87-8

736547-88-9	736547-89-0	736547-90-3	736547-91-4	736547-92-5
736547-93-6	736547-94-7	736547-95-8	736547-96-9	736547-97-0
736547-98-1	736547-99-2	736548-00-8	736548-01-9	736548-02-0
736548-03-1	736548-04-2	736548-05-3	736548-06-4	736548-07-5
736548-08-6	736548-09-7	736548-10-0	736548-11-1	736548-12-2
736548-13-3	736548-14-4	736548-15-5	736548-16-6	736548-17-7
736548-18-8	736548-19-9	736548-20-2	736548-21-3	736548-22-4
736548-23-5	736548-24-6	736548-25-7	736548-26-8	736548-27-9
736548-28-0	736548-29-1	736548-30-4	736548-31-5	736548-32-6
736548-33-7	736548-34-8	736548-35-9	736548-36-0	736548-37-1
736548-38-2	736548-39-3	736548-40-6	736548-41-7	736548-42-8
736548-43-9	736548-44-0	736548-45-1	736548-46-2	736548-47-3
736548-48-4	736548-49-5	736548-50-8	736548-51-9	736548-52-0
736548-53-1	736548-54-2	736548-55-3	736548-56-4	736548-57-5
736548-58-6	736548-59-7	736548-60-0	736548-61-1	736548-62-2
736548-63-3	736548-64-4	736548-65-5	736548-66-6	736548-67-7
736548-68-8	736548-69-9	736548-70-2	736548-71-3	736548-72-4
736548-73-5	736548-74-6	736548-75-7	736548-76-8	736548-77-9
736548-78-0	736548-79-1	736548-80-4	736548-81-5	736548-82-6
736548-83-7	736548-84-8	736548-85-9	736548-86-0	736548-87-1
736548-88-2	736548-89-3	736548-90-6	736548-91-7	736548-92-8
736548-93-9	736548-94-0	736548-95-1	736548-96-2	736548-97-3
736548-98-4	736548-99-5	736549-00-1	736549-01-2	736549-02-3
736549-03-4	736549-04-5	736549-05-6	736549-06-7	736549-07-8
736549-08-9	736549-09-0	736549-10-3	736549-11-4	736549-12-5
736549-13-6	736549-14-7	736549-15-8	736549-16-9	736549-17-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736549-18-1	736549-19-2	736549-20-5	736549-21-6	736549-22-7
	736549-23-8	736549-24-9	736549-25-0	736549-26-1	736549-27-2
	736549-28-3	736549-29-4	736549-30-7	736549-31-8	736549-32-9
	736549-33-0	736549-34-1	736549-35-2	736549-36-3	736549-37-4
	736549-38-5	736549-39-6	736549-40-9	736549-41-0	736549-42-1
	736549-43-2	736549-44-3	736549-45-4	736549-46-5	736549-47-6
	736549-48-7	736549-49-8	736549-50-1	736549-51-2	736549-52-3
	736549-53-4	736549-54-5	736549-55-6	736549-56-7	736549-57-8
	736549-58-9	736549-59-0	736549-60-3	736549-61-4	736549-62-5
	736549-63-6	736549-64-7	736549-65-8	736549-66-9	736549-67-0
	736549-68-1	736549-69-2	736549-70-5	736549-71-6	736549-72-7
	736549-73-8	736549-74-9	736549-75-0	736549-76-1	736549-77-2
	736549-78-3	736549-79-4	736549-80-7	736549-81-8	736549-82-9
	736549-83-0	736549-84-1	736549-85-2	736549-86-3	736549-87-4
	736549-88-5	736549-89-6	736549-90-9	736549-91-0	736549-92-1
	736549-93-2	736549-94-3	736549-95-4	736549-96-5	736549-97-6
	736549-98-7	736549-99-8	736550-00-8	736550-01-9	736550-02-0
	736550-03-1	736550-04-2	736550-05-3	736550-06-4	736550-07-5
	736550-08-6	736550-09-7	736550-10-0	736550-11-1	736550-12-2
	736550-13-3	736550-14-4	736550-15-5	736550-16-6	736550-17-7
	736550-18-8	736550-19-9	736550-20-2	736550-21-3	736550-22-4
	736550-23-5	736550-24-6	736550-25-7	736550-26-8	736550-27-9
	736550-28-0	736550-29-1	736550-30-4	736550-31-5	736550-32-6
	736550-33-7	736550-34-8	736550-35-9	736550-36-0	736550-37-1
	736550-38-2	736550-39-3	736550-40-6	736550-41-7	736550-42-8
	736550-43-9	736550-44-0	736550-45-1	736550-46-2	736550-47-3
	736550-48-4	736550-49-5	736550-50-8	736550-51-9	736550-52-0
	736550-53-1	736550-54-2	736550-55-3	736550-56-4	736550-57-5
	736550-58-6	736550-59-7	736550-60-0	736550-61-1	736550-62-2
	736550-63-3	736550-64-4	736550-65-5	736550-66-6	736550-67-7
	736550-68-8	736550-69-9	736550-70-2	736550-71-3	736550-72-4
	736550-73-5	736550-74-6	736550-75-7	736550-76-8	736550-77-9
	736550-78-0	736550-79-1	736550-80-4	736550-81-5	736550-82-6
	736550-83-7	736550-84-8	736550-85-9	736550-86-0	736550-87-1
	736550-88-2	736550-89-3	736550-90-6	736550-91-7	736550-92-8
	736550-93-9	736550-94-0	736550-95-1	736550-96-2	736550-97-3

736550-98-4	736550-99-5	736551-00-1	736551-01-2	736551-02-3
736551-03-4	736551-04-5	736551-05-6	736551-06-7	736551-07-8
736551-08-9	736551-09-0	736551-10-3	736551-11-4	736551-12-5
736551-13-6	736551-14-7	736551-15-8	736551-16-9	736551-17-0
736551-18-1	736551-19-2	736551-20-5	736551-21-6	736551-22-7
736551-23-8	736551-24-9	736551-25-0	736551-26-1	736551-27-2
736551-28-3	736551-29-4	736551-30-7	736551-31-8	736551-32-9
736551-33-0	736551-34-1	736551-35-2	736551-36-3	736551-37-4
736551-38-5	736551-39-6	736551-40-9	736551-41-0	736551-42-1
736551-43-2	736551-44-3	736551-45-4	736551-46-5	736551-47-6
736551-48-7	736551-49-8	736551-50-1	736551-51-2	736551-52-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736551-53-4	736551-54-5	736551-55-6	736551-56-7	736551-57-8
	736551-58-9	736551-59-0	736551-60-3	736551-61-4	736551-62-5
	736551-63-6	736551-64-7	736551-65-8	736551-66-9	736551-67-0
	736551-68-1	736551-69-2	736551-70-5	736551-71-6	736551-72-7
	736551-73-8	736551-74-9	736551-75-0	736551-76-1	736551-77-2
	736551-78-3	736551-79-4	736551-80-7	736551-81-8	736551-82-9
	736551-83-0	736551-84-1	736551-85-2	736551-86-3	736551-87-4
	736551-88-5	736551-89-6	736551-90-9	736551-91-0	736551-92-1
	736551-93-2	736551-94-3	736551-95-4	736551-96-5	736551-97-6
	736551-98-7	736551-99-8	736552-00-4	736552-01-5	736552-02-6
	736552-03-7	736552-04-8	736552-05-9	736552-06-0	736552-07-1
	736552-08-2	736552-09-3	736552-10-6	736552-11-7	736552-12-8
	736552-13-9	736552-14-0	736552-15-1	736552-16-2	736552-17-3
	736552-18-4	736552-19-5	736552-20-8	736552-21-9	736552-22-0
	736552-23-1	736552-24-2	736552-25-3	736552-26-4	736552-27-5
	736552-28-6	736552-29-7	736552-30-0	736552-31-1	736552-32-2
	736552-33-3	736552-34-4	736552-35-5	736552-36-6	736552-37-7
	736552-38-8	736552-39-9	736552-40-2	736552-41-3	736552-42-4
	736552-43-5	736552-44-6	736552-45-7	736552-46-8	736552-47-9
	736552-48-0	736552-49-1	736552-50-4	736552-51-5	736552-52-6
	736552-53-7	736552-54-8	736552-55-9	736552-56-0	736552-57-1
	736552-58-2	736552-59-3	736552-60-6	736552-61-7	736552-62-8
	736552-63-9	736552-64-0	736552-65-1	736552-66-2	736552-67-3
	736552-68-4	736552-69-5	736552-70-8	736552-71-9	736552-72-0
	736552-73-1	736552-74-2	736552-75-3	736552-76-4	736552-77-5
	736552-78-6	736552-79-7	736552-80-0	736552-81-1	736552-82-2
	736552-83-3	736552-84-4	736552-85-5	736552-86-6	736552-87-7
	736552-88-8	736552-89-9	736552-90-2	736552-91-3	736552-92-4
	736552-93-5	736552-94-6	736552-95-7	736552-96-8	736552-97-9
	736552-98-0	736552-99-1	736553-00-7	736553-01-8	736553-02-9
	736553-03-0	736553-04-1	736553-05-2	736553-06-3	736553-07-4
	736553-08-5	736553-09-6	736553-10-9	736553-11-0	736553-12-1
	736553-13-2	736553-14-3	736553-15-4	736553-16-5	736553-17-6
	736553-18-7	736553-19-8	736553-20-1	736553-21-2	736553-22-3
	736553-23-4	736553-24-5	736553-25-6	736553-26-7	736553-27-8
	736553-28-9	736553-29-0	736553-30-3	736553-31-4	736553-32-5
	736553-33-6	736553-34-7	736553-35-8	736553-36-9	736553-37-0
	736553-38-1	736553-39-2	736553-40-5	736553-41-6	736553-42-7
	736553-43-8	736553-44-9	736553-45-0	736553-46-1	736553-47-2
	736553-48-3	736553-49-4	736553-50-7	736553-51-8	736553-52-9
	736553-53-0	736553-54-1	736553-55-2	736553-56-3	736553-57-4
	736553-58-5	736553-59-6	736553-60-9	736553-61-0	736553-62-1
	736553-63-2	736553-64-3	736553-65-4	736553-66-5	736553-67-6
	736553-68-7	736553-69-8	736553-70-1	736553-71-2	736553-72-3
	736553-73-4	736553-74-5	736553-75-6	736553-76-7	736553-77-8
	736553-78-9	736553-79-0	736553-80-3	736553-81-4	736553-82-5
	736553-83-6	736553-84-7	736553-85-8	736553-86-9	736553-87-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736553-88-1	736553-89-2	736553-90-5	736553-91-6	736553-92-7
	736553-93-8	736553-94-9	736553-95-0	736553-96-1	736553-97-2
	736553-98-3	736553-99-4	736554-00-0	736554-01-1	736554-02-2
	736554-03-3	736554-04-4	736554-05-5	736554-06-6	736554-07-7
	736554-08-8	736554-09-9	736554-10-2	736554-11-3	736554-12-4
	736554-13-5	736554-14-6	736554-15-7	736554-16-8	736554-17-9
	736554-18-0	736554-19-1	736554-20-4	736554-21-5	736554-22-6
	736554-23-7	736554-24-8	736554-25-9	736554-26-0	736554-27-1
	736554-28-2	736554-29-3	736554-30-6	736554-31-7	736554-32-8
	736554-33-9	736554-34-0	736554-35-1	736554-36-2	736554-37-3
	736554-38-4	736554-39-5	736554-40-8	736554-41-9	736554-42-0
	736554-43-1	736554-44-2	736554-45-3	736554-46-4	736554-47-5
	736554-48-6	736554-49-7	736554-50-0	736554-51-1	736554-52-2
	736554-53-3	736554-54-4	736554-55-5	736554-56-6	736554-57-7
	736554-58-8	736554-59-9	736554-60-2	736554-61-3	736554-62-4
	736554-63-5	736554-64-6	736554-65-7	736554-66-8	736554-67-9
	736554-68-0	736554-69-1	736554-70-4	736554-71-5	736554-72-6
	736554-73-7	736554-74-8	736554-75-9	736554-76-0	736554-77-1
	736554-78-2	736554-79-3	736554-80-6	736554-81-7	736554-82-8
	736554-83-9	736554-84-0	736554-85-1	736554-86-2	736554-87-3
	736554-88-4	736554-89-5	736554-90-8	736554-91-9	736554-92-0
	736554-93-1	736554-94-2	736554-95-3	736554-96-4	736554-97-5
	736554-98-6	736554-99-7	736555-00-3	736555-01-4	736555-02-5
	736555-03-6	736555-04-7	736555-05-8	736555-06-9	736555-07-0
	736555-08-1	736555-09-2	736555-10-5	736555-11-6	736555-12-7
	736555-13-8	736555-14-9	736555-15-0	736555-16-1	736555-17-2
	736555-18-3	736555-19-4	736555-20-7	736555-21-8	736555-22-9
	736555-23-0	736555-24-1	736555-25-2	736555-26-3	736555-27-4
	736555-28-5	736555-29-6	736555-30-9	736555-31-0	736555-32-1
	736555-33-2	736555-34-3	736555-35-4	736555-36-5	736555-37-6
	736555-38-7	736555-39-8	736555-40-1	736555-41-2	736555-42-3
	736555-43-4	736555-44-5	736555-45-6	736555-46-7	736555-47-8
	736555-48-9	736555-49-0	736555-50-3	736555-51-4	736555-52-5
	736555-53-6	736555-54-7	736555-55-8	736555-56-9	736555-57-0
	736555-58-1	736555-59-2	736555-60-5	736555-61-6	736555-62-7
	736555-63-8	736555-64-9	736555-65-0	736555-66-1	736555-67-2
	736555-68-3	736555-69-4	736555-70-7	736555-71-8	736555-72-9
	736555-73-0	736555-74-1	736555-75-2	736555-76-3	736555-77-4
	736555-78-5	736555-79-6	736555-80-9	736555-81-0	736555-82-1
	736555-83-2	736555-84-3	736555-85-4	736555-86-5	736555-87-6
	736555-88-7	736555-89-8	736555-90-1	736555-91-2	736555-92-3
	736555-93-4	736555-94-5	736555-95-6	736555-96-7	736555-97-8
	736555-98-9	736555-99-0	736556-00-6	736556-01-7	736556-02-8
	736556-03-9	736556-04-0	736556-05-1	736556-06-2	736556-07-3
	736556-08-4	736556-09-5	736556-10-8	736556-11-9	736556-12-0
	736556-13-1	736556-14-2	736556-15-3	736556-16-4	736556-17-5
	736556-18-6	736556-19-7	736556-20-0	736556-21-1	736556-22-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736556-23-3	736556-24-4	736556-25-5	736556-26-6	736556-27-7
	736556-28-8	736556-29-9	736556-30-2	736556-31-3	736556-32-4
	736556-33-5	736556-34-6	736556-35-7	736556-36-8	736556-37-9
	736556-38-0	736556-39-1	736556-40-4	736556-41-5	736556-42-6
	736556-43-7	736556-44-8	736556-45-9	736556-46-0	736556-47-1
	736556-48-2	736556-49-3	736556-50-6	736556-51-7	736556-52-8
	736556-53-9	736556-54-0	736556-55-1	736556-56-2	736556-57-3
	736556-58-4	736556-59-5	736556-60-8	736556-61-9	736556-62-0
	736556-63-1	736556-64-2	736556-65-3	736556-66-4	736556-67-5
	736556-68-6	736556-69-7	736556-70-0	736556-71-1	736556-72-2
	736556-73-3	736556-74-4	736556-75-5	736556-76-6	736556-77-7
	736556-78-8	736556-79-9	736556-80-2	736556-81-3	736556-82-4
	736556-83-5	736556-84-6	736556-85-7	736556-86-8	736556-87-9
	736556-88-0	736556-89-1	736556-90-4	736556-91-5	736556-92-6
	736556-93-7	736556-94-8	736556-95-9	736556-96-0	736556-97-1

736556-98-2	736556-99-3	736557-00-9	736557-01-0	736557-02-1
736557-03-2	736557-04-3	736557-05-4	736557-06-5	736557-07-6
736557-08-7	736557-09-8	736557-10-1	736557-11-2	736557-12-3
736557-13-4	736557-14-5	736557-15-6	736557-16-7	736557-17-8
736557-18-9	736557-19-0	736557-20-3	736557-21-4	736557-22-5
736557-23-6	736557-24-7	736557-25-8	736557-26-9	736557-27-0
736557-28-1	736557-29-2	736557-30-5	736557-31-6	736557-32-7
736557-33-8	736557-34-9	736557-35-0	736557-36-1	736557-37-2
736557-38-3	736557-39-4	736557-40-7	736557-41-8	736557-42-9
736557-43-0	736557-44-1	736557-45-2	736557-46-3	736557-47-4
736557-48-5	736557-49-6	736557-50-9	736557-51-0	736557-52-1
736557-53-2	736557-54-3	736557-55-4	736557-56-5	736557-57-6
736557-58-7	736557-59-8	736557-60-1	736557-61-2	736557-62-3
736557-63-4	736557-64-5	736557-65-6	736557-66-7	736557-67-8
736557-68-9	736557-69-0	736557-70-3	736557-71-4	736557-72-5
736557-73-6	736557-74-7	736557-75-8	736557-76-9	736557-77-0
736557-78-1	736557-79-2	736557-80-5	736557-81-6	736557-82-7
736557-83-8	736557-84-9	736557-85-0	736557-86-1	736557-87-2
736557-88-3	736557-89-4	736557-90-7	736557-91-8	736557-92-9
736557-93-0	736557-94-1	736557-95-2	736557-96-3	736557-97-4
736557-98-5	736557-99-6	736558-00-2	736558-01-3	736558-02-4
736558-03-5	736558-04-6	736558-05-7	736558-06-8	736558-07-9
736558-08-0	736558-09-1	736558-10-4	736558-11-5	736558-12-6
736558-13-7	736558-14-8	736558-15-9	736558-16-0	736558-17-1
736558-18-2	736558-19-3	736558-20-6	736558-21-7	736558-22-8
736558-23-9	736558-24-0	736558-25-1	736558-26-2	736558-27-3
736558-28-4	736558-29-5	736558-30-8	736558-31-9	736558-32-0
736558-33-1	736558-34-2	736558-35-3	736558-36-4	736558-37-5
736558-38-6	736558-39-7	736558-40-0	736558-41-1	736558-42-2
736558-43-3	736558-44-4	736558-45-5	736558-46-6	736558-47-7
736558-48-8	736558-49-9	736558-50-2	736558-51-3	736558-52-4
736558-53-5	736558-54-6	736558-55-7	736558-56-8	736558-57-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736558-58-0	736558-59-1	736558-60-4	736558-61-5	736558-62-6
	736558-63-7	736558-64-8	736558-65-9	736558-66-0	736558-67-1
	736558-68-2	736558-69-3	736558-70-6	736558-71-7	736558-72-8
	736558-73-9	736558-74-0	736558-75-1	736558-76-2	736558-77-3
	736558-78-4	736558-79-5	736558-80-8	736558-81-9	736558-82-0
	736558-83-1	736558-84-2	736558-85-3	736558-86-4	736558-87-5
	736558-88-6	736558-89-7	736558-90-0	736558-91-1	736558-92-2
	736558-93-3	736558-94-4	736558-95-5	736558-96-6	736558-97-7
	736558-98-8	736558-99-9	736559-00-5	736559-01-6	736559-02-7
	736559-03-8	736559-04-9	736559-05-0	736559-06-1	736559-07-2
	736559-08-3	736559-09-4	736559-10-7	736559-11-8	736559-12-9
	736559-13-0	736559-14-1	736559-15-2	736559-16-3	736559-17-4
	736559-18-5	736559-19-6	736559-20-9	736559-21-0	736559-22-1
	736559-23-2	736559-24-3	736559-25-4	736559-26-5	736559-27-6
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	736559-38-9	736559-39-0	736559-40-3	736559-41-4	736559-42-5
	736559-43-6	736559-44-7	736559-45-8	736559-46-9	736559-47-0
	736559-48-1	736559-49-2	736559-50-5	736559-51-6	736559-52-7
	736559-53-8	736559-54-9	736559-55-0	736559-56-1	736559-57-2
	736559-58-3	736559-59-4	736559-60-7	736559-61-8	736559-62-9
	736559-63-0	736559-64-1	736559-65-2	736559-66-3	736559-67-4
	736559-68-5	736559-69-6	736559-70-9	736559-71-0	736559-72-1
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	736559-83-4	736559-84-5	736559-85-6	736559-86-7	736559-87-8
	736559-88-9	736559-89-0	736559-90-3	736559-91-4	736559-92-5
	736559-93-6	736559-94-7	736559-95-8	736559-96-9	736559-97-0
	736559-98-1	736559-99-2	736560-00-2	736560-01-3	736560-02-4
	736560-03-5	736560-04-6	736560-05-7	736560-06-8	736560-07-9

736560-08-0	736560-09-1	736560-10-4	736560-11-5	736560-12-6
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736560-18-2	736560-19-3	736560-20-6	736560-21-7	736560-22-8
736560-23-9	736560-24-0	736560-25-1	736560-26-2	736560-27-3
736560-28-4	736560-29-5	736560-30-8	736560-31-9	736560-32-0
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736560-38-6	736560-39-7	736560-40-0	736560-41-1	736560-42-2
736560-43-3	736560-44-4	736560-45-5	736560-46-6	736560-47-7
736560-48-8	736560-49-9	736560-50-2	736560-51-3	736560-52-4
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736560-68-2	736560-69-3	736560-70-6	736560-71-7	736560-72-8
736560-73-9	736560-74-0	736560-75-1	736560-76-2	736560-77-3
736560-78-4	736560-79-5	736560-80-8	736560-81-9	736560-82-0
736560-83-1	736560-84-2	736560-85-3	736560-86-4	736560-87-5
736560-88-6	736560-89-7	736560-90-0	736560-91-1	736560-92-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736560-93-3	736560-94-4	736560-95-5	736560-96-6	736560-97-7
	736560-98-8	736560-99-9	736561-00-5	736561-01-6	736561-02-7
	736561-03-8	736561-04-9	736561-05-0	736561-06-1	736561-07-2
	736561-08-3	736561-09-4	736561-10-7	736561-11-8	736561-12-9
	736561-13-0	736561-14-1	736561-15-2	736561-16-3	736561-17-4
	736561-18-5	736561-19-6	736561-20-9	736561-21-0	736561-22-1
	736561-23-2	736561-24-3	736561-25-4	736561-26-5	736561-27-6
	736561-28-7	736561-29-8	736561-30-1	736561-31-2	736561-32-3
	736561-33-4	736561-34-5	736561-35-6	736561-36-7	736561-37-8
	736561-38-9	736561-39-0	736561-40-3	736561-41-4	736561-42-5
	736561-43-6	736561-44-7	736561-45-8	736561-46-9	736561-47-0
	736561-48-1	736561-49-2	736561-50-5	736561-51-6	736561-52-7
	736561-53-8	736561-54-9	736561-55-0	736561-56-1	736561-57-2
	736561-58-3	736561-59-4	736561-60-7	736561-61-8	736561-62-9
	736561-63-0	736561-64-1	736561-65-2	736561-66-3	736561-67-4
	736561-68-5	736561-69-6	736561-70-9	736561-71-0	736561-72-1
	736561-73-2	736561-74-3	736561-75-4	736561-76-5	736561-77-6
	736561-78-7	736561-79-8	736561-80-1	736561-81-2	736561-82-3
	736561-83-4	736561-84-5	736561-85-6	736561-86-7	736561-87-8
	736561-88-9	736561-89-0	736561-90-3	736561-91-4	736561-92-5
	736561-93-6	736561-94-7	736561-95-8	736561-96-9	736561-97-0
	736561-98-1	736561-99-2	736562-00-8	736562-01-9	736562-02-0
	736562-03-1	736562-04-2	736562-05-3	736562-06-4	736562-07-5
	736562-08-6	736562-09-7	736562-10-0	736562-11-1	736562-12-2
	736562-13-3	736562-14-4	736562-15-5	736562-16-6	736562-17-7
	736562-18-8	736562-19-9	736562-20-2	736562-21-3	736562-22-4
	736562-23-5	736562-24-6	736562-25-7	736562-26-8	736562-27-9
	736562-28-0	736562-29-1	736562-30-4	736562-31-5	736562-32-6
	736562-33-7	736562-34-8	736562-35-9	736562-36-0	736562-37-1
	736562-38-2	736562-39-3	736562-40-6	736562-41-7	736562-42-8
	736562-43-9	736562-44-0	736562-45-1	736562-46-2	736562-47-3
	736562-48-4	736562-49-5	736562-50-8	736562-51-9	736562-52-0
	736562-53-1	736562-54-2	736562-55-3	736562-56-4	736562-57-5
	736562-58-6	736562-59-7	736562-60-0	736562-61-1	736562-62-2
	736562-63-3	736562-64-4	736562-65-5	736562-66-6	736562-67-7
	736562-68-8	736562-69-9	736562-70-2	736562-71-3	736562-72-4
	736562-73-5	736562-74-6	736562-75-7	736562-76-8	736562-77-9
	736562-78-0	736562-79-1	736562-80-4	736562-81-5	736562-82-6
	736562-83-7	736562-84-8	736562-85-9	736562-86-0	736562-87-1
	736562-88-2	736562-89-3	736562-90-6	736562-91-7	736562-92-8
	736562-93-9	736562-94-0	736562-95-1	736562-96-2	736562-97-3
	736562-98-4	736562-99-5	736563-00-1	736563-01-2	736563-02-3
	736563-03-4	736563-04-5	736563-05-6	736563-06-7	736563-07-8
	736563-08-9	736563-09-0	736563-10-3	736563-11-4	736563-12-5
	736563-13-6	736563-14-7	736563-15-8	736563-16-9	736563-17-0

736563-18-1 736563-19-2 736563-20-5 736563-21-6 736563-22-7
 736563-23-8 736563-24-9 736563-25-0 736563-26-1 736563-27-2
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT	736563-28-3	736563-29-4	736563-30-7	736563-31-8	736563-32-9
	736563-33-0	736563-34-1	736563-35-2	736563-36-3	736563-37-4
	736563-38-5	736563-39-6	736563-40-9	736563-41-0	736563-42-1
	736563-43-2	736563-44-3	736563-45-4	736563-46-5	736563-47-6
	736563-48-7	736563-49-8	736563-50-1	736563-51-2	736563-52-3
	736563-53-4	736563-54-5	736563-55-6	736563-56-7	736563-57-8
	736563-58-9	736563-59-0	736563-60-3	736563-61-4	736563-62-5
	736563-63-6	736563-64-7	736563-65-8	736563-66-9	
	736563-67-0	736563-68-1	736563-69-2	736563-70-5	736563-71-6
	736563-72-7	736563-73-8	736563-74-9	736563-75-0	736563-76-1
	736563-77-2	736563-78-3	736563-79-4	736563-80-7	736563-81-8
	736563-82-9	736563-83-0	736563-84-1	736563-85-2	736563-86-3
	736563-87-4	736563-88-5	736563-89-6	736563-90-9	736563-91-0
	736563-92-1	736563-93-2	736563-94-3	736563-95-4	736563-96-5
	736563-97-6	736563-98-7	736563-99-8	736564-00-4	736564-01-5
	736564-02-6	736564-03-7	736564-04-8	736564-05-9	736564-06-0
	736564-07-1	736564-08-2	736564-09-3	736564-10-6	736564-11-7
	736564-12-8	736564-13-9	736564-14-0	736564-15-1	736564-16-2
	736564-17-3	736564-18-4	736564-19-5	736564-20-8	736564-21-9
	736564-22-0	736564-23-1	736564-24-2	736564-25-3	736564-26-4
	736564-27-5	736564-28-6	736564-29-7	736564-30-0	736564-31-1
	736564-32-2	736564-33-3	736564-34-4	736564-35-5	736564-36-6
	736564-37-7	736564-38-8	736564-39-9	736564-40-2	736564-41-3
	736564-42-4	736564-43-5	736564-44-6	736564-45-7	736564-46-8
	736564-47-9	736564-48-0	736564-49-1	736564-50-4	736564-51-5
	736564-52-6	736564-53-7	736564-54-8	736564-55-9	736564-56-0
	736564-57-1	736564-58-2	736564-59-3	736564-60-6	736564-61-7
	736564-62-8	736564-63-9	736564-64-0	736564-65-1	736564-66-2
	736564-67-3	736564-68-4	736564-69-5	736564-70-8	736564-71-9
	736564-72-0	736564-73-1	736564-74-2	736564-75-3	736564-76-4
	736564-77-5	736564-78-6	736564-79-7	736564-80-0	736564-81-1
	736564-82-2	736564-83-3	736564-84-4	736564-85-5	736564-86-6
	736564-87-7	736564-88-8	736564-89-9	736564-90-2	736564-91-3
	736564-92-4	736564-93-5	736564-94-6	736564-95-7	736564-96-8
	736564-97-9	736564-98-0	736564-99-1	736565-00-7	736565-01-8
	736565-02-9	736565-03-0	736565-04-1	736565-05-2	736565-06-3
	736565-07-4	736565-08-5	736565-09-6	736565-10-9	736565-11-0
	736565-12-1	736565-13-2	736565-14-3	736565-15-4	736565-16-5
	736565-17-6	736565-18-7	736565-19-8	736565-20-1	736565-21-2
	736565-22-3	736565-23-4	736565-24-5	736565-25-6	736565-26-7
	736565-27-8	736565-28-9	736565-29-0	736565-30-3	736565-31-4
	736565-32-5	736565-33-6	736565-34-7	736565-35-8	736565-36-9
	736565-37-0	736565-38-1	736565-39-2	736565-40-5	736565-41-6
	736565-42-7	736565-43-8	736565-44-9	736565-45-0	736565-46-1
	736565-47-2	736565-48-3	736565-49-4	736565-50-7	736565-51-8
	736565-52-9	736565-53-0	736565-54-1	736565-55-2	736565-56-3
	736565-57-4	736565-58-5	736565-59-6	736565-60-9	736565-61-0
	736565-62-1				

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT	736565-63-2	736565-64-3	736565-65-4	736565-66-5	736565-67-6
	736565-68-7	736565-69-8	736565-70-1	736565-71-2	736565-72-3
	736565-73-4	736565-74-5	736565-75-6	736565-76-7	736565-77-8
	736565-78-9	736565-79-0	736565-80-3	736565-81-4	736565-82-5
	736565-83-6	736565-84-7	736565-85-8	736565-86-9	736565-87-0
	736565-88-1	736565-89-2	736565-90-5	736565-91-6	736565-92-7
	736565-93-8	736565-94-9	736565-95-0	736565-96-1	736565-97-2
	736565-98-3	736565-99-4	736566-00-0	736566-01-1	736566-02-2

736566-03-3	736566-04-4	736566-05-5	736566-06-6	736566-07-7
736566-08-8	736566-09-9	736566-10-2	736566-11-3	736566-12-4
736566-13-5	736566-14-6	736566-15-7	736566-16-8	736566-17-9
736566-18-0	736566-19-1	736566-20-4	736566-21-5	736566-22-6
736566-23-7	736566-24-8	736566-25-9	736566-26-0	736566-27-1
736566-28-2	736566-29-3	736566-30-6	736566-31-7	736566-32-8
736566-33-9	736566-34-0	736566-35-1	736566-36-2	736566-37-3
736566-38-4	736566-39-5	736566-40-8	736566-41-9	736566-42-0
736566-43-1	736566-44-2	736566-45-3	736566-46-4	736566-47-5
736566-48-6	736566-49-7	736566-50-0	736566-51-1	736566-52-2
736566-53-3	736566-54-4	736566-55-5	736566-56-6	736566-57-7
736566-58-8	736566-59-9	736566-60-2	736566-61-3	736566-62-4
736566-63-5	736566-64-6	736566-65-7	736566-66-8	736566-67-9
736566-68-0	736566-69-1	736566-70-4	736566-71-5	736566-72-6
736566-73-7	736566-74-8	736566-75-9	736566-76-0	736566-77-1
736566-78-2	736566-79-3	736566-80-6	736566-81-7	736566-82-8
736566-83-9	736566-84-0	736566-85-1	736566-86-2	736566-87-3
736566-88-4	736566-89-5	736566-90-8	736566-91-9	736566-92-0
736566-93-1	736566-94-2	736566-95-3	736566-96-4	736566-97-5
736567-98-6	736567-99-7	736567-00-3	736567-01-4	736567-02-5
736567-03-6	736567-04-7	736567-05-8	736567-06-9	736567-07-0
736567-08-1	736567-09-2	736567-10-5	736567-11-6	736567-12-7
736567-13-8	736567-14-9	736567-15-0	736567-16-1	736567-17-2
736567-18-3	736567-19-4	736567-20-7	736567-21-8	736567-22-9
736567-23-0	736567-24-1	736567-25-2	736567-26-3	736567-27-4
736567-28-5	736567-29-6	736567-30-9	736567-31-0	736567-32-1
736567-33-2	736567-34-3	736567-35-4	736567-36-5	736567-37-6
736567-38-7	736567-39-8	736567-40-1	736567-41-2	736567-42-3
736567-43-4	736567-44-5	736567-45-6	736567-46-7	736567-47-8
736567-48-9	736567-49-0	736567-50-3	736567-51-4	736567-52-5
736567-53-6	736567-54-7	736567-55-8	736567-56-9	736567-57-0
736567-58-1	736567-59-2	736567-60-5	736567-61-6	736567-62-7
736567-63-8	736567-64-9	736567-65-0	736567-66-1	736567-67-2
736567-68-3	736567-69-4	736567-70-7	736567-71-8	736567-72-9
736567-73-0	736567-74-1	736567-75-2	736567-76-3	736567-77-4
736567-78-5	736567-79-6	736567-80-9	736567-81-0	736567-82-1
736567-83-2	736567-84-3	736567-85-4	736567-86-5	736567-87-6
736567-88-7	736567-89-8	736567-90-1	736567-91-2	736567-92-3
736567-93-4	736567-94-5	736567-95-6	736567-96-7	736567-97-8

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736567-98-9	736567-99-0	736568-00-6	736568-01-7	736568-02-8
	736568-03-9	736568-04-0	736568-05-1	736568-06-2	736568-07-3
	736568-08-4	736568-09-5	736568-10-8	736568-11-9	736568-12-0
	736568-13-1	736568-14-2	736568-15-3	736568-16-4	736568-17-5
	736568-18-6	736568-19-7	736568-20-0	736568-21-1	736568-22-2
	736568-23-3	736568-24-4	736568-25-5	736568-26-6	736568-27-7
	736568-28-8	736568-29-9	736568-30-2	736568-31-3	736568-32-4
	736568-33-5	736568-34-6	736568-35-7	736568-36-8	736568-37-9
	736568-38-0	736568-39-1	736568-40-4	736568-41-5	736568-42-6
	736568-43-7	736568-44-8	736568-45-9	736568-46-0	736568-47-1
	736568-48-2	736568-49-3	736568-50-6	736568-51-7	736568-52-8
	736568-53-9	736568-54-0	736568-55-1	736568-56-2	736568-57-3
	736568-58-4	736568-59-5	736568-60-8	736568-61-9	736568-62-0
	736568-63-1	736568-64-2	736568-65-3	736568-66-4	736568-67-5
	736568-68-6	736568-69-7	736568-70-0	736568-71-1	736568-72-2
	736568-73-3	736568-74-4	736568-75-5	736568-76-6	736568-77-7
	736568-78-8	736568-79-9	736568-80-2	736568-81-3	736568-82-4
	736568-83-5	736568-84-6	736568-85-7	736568-86-8	736568-87-9
	736568-88-0	736568-89-1	736568-90-4	736568-91-5	
	736568-92-6	736568-93-7	736568-94-8	736568-95-9	736568-96-0
	736568-97-1	736568-98-2	736568-99-3	736569-00-9	736569-01-0
	736569-02-1	736569-03-2	736569-04-3	736569-05-4	736569-06-5
	736569-07-6	736569-08-7	736569-09-8	736569-10-1	736569-11-2

736569-12-3	736569-13-4	736569-14-5	736569-15-6	736569-16-7
736569-17-8	736569-18-9	736569-19-0	736569-20-3	736569-21-4
736569-22-5	736569-23-6	736569-24-7	736569-25-8	736569-26-9
736569-27-0	736569-28-1	736569-29-2	736569-30-5	736569-31-6
736569-32-7	736569-33-8	736569-34-9	736569-35-0	736569-36-1
736569-37-2	736569-38-3	736569-39-4	736569-40-7	736569-41-8
736569-42-9	736569-43-0	736569-44-1	736569-45-2	736569-46-3
736569-47-4	736569-48-5	736569-49-6	736569-50-9	736569-51-0
736569-52-1	736569-53-2	736569-54-3	736569-55-4	736569-56-5
736569-57-6	736569-58-7	736569-59-8	736569-60-1	736569-61-2
736569-62-3	736569-63-4	736569-64-5	736569-65-6	736569-66-7
736569-67-8	736569-68-9	736569-69-0	736569-70-3	736569-71-4
736569-72-5	736569-73-6	736569-74-7	736569-75-8	736569-76-9
736569-77-0	736569-78-1	736569-79-2	736569-80-5	736569-81-6
736569-82-7	736569-83-8	736569-84-9	736569-85-0	736569-86-1
736569-87-2	736569-88-3	736569-89-4	736569-90-7	736569-91-8
736569-92-9	736569-93-0	736569-94-1	736569-95-2	736569-96-3
736569-97-4	736569-98-5	736569-99-6	736570-00-6	736570-01-7
736570-02-8	736570-03-9	736570-04-0	736570-05-1	736570-06-2
736570-07-3	736570-08-4	736570-09-5	736570-10-8	736570-11-9
736570-12-0	736570-13-1	736570-14-2	736570-15-3	736570-16-4
736570-17-5	736570-18-6	736570-19-7	736570-20-0	736570-21-1
736570-22-2	736570-23-3	736570-24-4	736570-25-5	736570-26-6
736570-27-7	736570-28-8	736570-29-9	736570-30-2	736570-31-3
736570-32-4				

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736570-33-5	736570-34-6	736570-35-7	736570-36-8	736570-37-9
	736570-38-0	736570-39-1	736570-40-4	736570-41-5	736570-42-6
	736570-43-7	736570-44-8	736570-45-9	736570-46-0	736570-47-1
	736570-48-2	736570-49-3	736570-50-6	736570-51-7	736570-52-8
	736570-53-9	736570-54-0	736570-55-1	736570-56-2	736570-57-3
	736570-58-4	736570-59-5	736570-60-8	736570-61-9	736570-62-0
	736570-63-1	736570-64-2	736570-65-3	736570-66-4	736570-67-5
	736570-68-6	736570-69-7	736570-70-0	736570-71-1	736570-72-2
	736570-73-3	736570-74-4	736570-75-5	736570-76-6	736570-77-7
	736570-78-8	736570-79-9	736570-80-2	736570-81-3	736570-82-4
	736570-83-5	736570-84-6	736570-85-7	736570-86-8	736570-87-9
	736570-88-0	736570-89-1	736570-90-4	736570-91-5	736570-92-6
	736570-93-7	736570-94-8	736570-95-9	736570-96-0	736570-97-1
	736570-98-2	736570-99-3	736571-00-9	736571-01-0	736571-02-1
	736571-03-2	736571-04-3	736571-05-4	736571-06-5	736571-07-6
	736571-08-7	736571-09-8	736571-10-1	736571-11-2	736571-12-3
	736571-13-4	736571-14-5	736571-15-6	736571-16-7	736571-17-8
	736571-18-9	736571-19-0	736571-20-3	736571-21-4	736571-22-5
	736571-23-6	736571-24-7	736571-25-8	736571-26-9	736571-27-0
	736571-28-1	736571-29-2	736571-30-5	736571-31-6	736571-32-7
	736571-33-8	736571-34-9	736571-35-0	736571-36-1	736571-37-2
	736571-38-3	736571-39-4	736571-40-7	736571-41-8	736571-42-9
	736571-43-0	736571-44-1	736571-45-2	736571-46-3	736571-47-4
	736571-48-5	736571-49-6	736571-50-9	736571-51-0	736571-52-1
	736571-53-2	736571-54-3	736571-55-4	736571-56-5	736571-57-6
	736571-58-7	736571-59-8	736571-60-1	736571-61-2	736571-62-3
	736571-63-4	736571-64-5	736571-65-6	736571-66-7	736571-67-8
	736571-68-9	736571-69-0	736571-70-3	736571-71-4	736571-72-5
	736571-73-6	736571-74-7	736571-75-8	736571-76-9	736571-77-0
	736571-78-1	736571-79-2	736571-80-5	736571-81-6	736571-82-7
	736571-83-8	736571-84-9	736571-85-0	736571-86-1	736571-87-2
	736571-88-3	736571-89-4	736571-90-7	736571-91-8	736571-92-9
	736571-93-0	736571-94-1	736571-95-2	736571-96-3	736571-97-4
	736571-98-5	736571-99-6	736572-00-2	736572-01-3	736572-02-4
	736572-03-5	736572-04-6	736572-05-7	736572-06-8	736572-07-9
	736572-08-0	736572-09-1	736572-10-4	736572-11-5	736572-12-6
	736572-13-7	736572-14-8	736572-15-9	736572-16-0	736572-17-1

736572-18-2	736572-19-3	736572-20-6	736572-21-7	736572-22-8
736572-23-9	736572-24-0	736572-25-1	736572-26-2	736572-27-3
736572-28-4	736572-29-5	736572-30-8	736572-31-9	736572-32-0
736572-33-1	736572-34-2	736572-35-3	736572-36-4	736572-37-5
736572-38-6	736572-39-7	736572-40-0	736572-41-1	736572-42-2
736572-43-3	736572-44-4	736572-45-5	736572-46-6	736572-47-7
736572-48-8	736572-49-9	736572-50-2	736572-51-3	736572-52-4
736572-53-5	736572-54-6	736572-55-7	736572-56-8	736572-57-9
736572-58-0	736572-59-1	736572-60-4	736572-61-5	736572-62-6
736572-63-7	736572-64-8	736572-65-9	736572-66-0	736572-67-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736572-68-2	736572-69-3	736572-70-6	736572-71-7	736572-72-8
	736572-73-9	736572-74-0	736572-75-1	736572-76-2	736572-77-3
	736572-78-4	736572-79-5	736572-80-8	736572-81-9	736572-82-0
	736572-83-1	736572-84-2	736572-85-3	736572-86-4	736572-87-5
	736572-88-6	736572-89-7	736572-90-0	736572-91-1	736572-92-2
	736572-93-3	736572-94-4	736572-95-5	736572-96-6	736572-97-7
	736572-98-8	736572-99-9	736573-00-5	736573-01-6	736573-02-7
	736573-03-8	736573-04-9	736573-05-0	736573-06-1	736573-07-2
	736573-08-3	736573-09-4	736573-10-7	736573-11-8	736573-12-9
	736573-13-0	736573-14-1	736573-15-2	736573-16-3	736573-17-4
	736573-18-5	736573-19-6	736573-20-9	736573-21-0	736573-22-1
	736573-23-2	736573-24-3	736573-25-4	736573-26-5	736573-27-6
	736573-28-7	736573-29-8	736573-30-1	736573-31-2	736573-32-3
	736573-33-4	736573-34-5	736573-35-6	736573-36-7	736573-37-8
	736573-38-9	736573-39-0	736573-40-3	736573-41-4	736573-42-5
	736573-43-6	736573-44-7	736573-45-8	736573-46-9	736573-47-0
	736573-48-1	736573-49-2	736573-50-5	736573-51-6	736573-52-7
	736573-53-8	736573-54-9	736573-55-0	736573-56-1	736573-57-2
	736573-58-3	736573-59-4	736573-60-7	736573-61-8	736573-62-9
	736573-63-0	736573-64-1	736573-65-2	736573-66-3	736573-67-4
	736573-68-5	736573-69-6	736573-70-9	736573-71-0	736573-72-1
	736573-73-2	736573-74-3	736573-75-4	736573-76-5	736573-77-6
	736573-78-7	736573-79-8	736573-80-1	736573-81-2	736573-82-3
	736573-83-4	736573-84-5	736573-85-6	736573-86-7	736573-87-8
	736573-88-9	736573-89-0	736573-90-3	736573-91-4	736573-92-5
	736573-93-6	736573-94-7	736573-95-8	736573-96-9	736573-97-0
	736573-98-1	736573-99-2	736574-00-8	736574-01-9	736574-02-0
	736574-03-1	736574-04-2	736574-05-3	736574-06-4	736574-07-5
	736574-08-6	736574-09-7	736574-10-0	736574-11-1	736574-12-2
	736574-13-3	736574-14-4	736574-15-5	736574-16-6	736574-17-7
	736574-18-8	736574-19-9	736574-20-2	736574-21-3	736574-22-4
	736574-23-5	736574-24-6	736574-25-7	736574-26-8	736574-27-9
	736574-28-0	736574-29-1	736574-30-4	736574-31-5	736574-32-6
	736574-33-7	736574-34-8	736574-35-9	736574-36-0	736574-37-1
	736574-38-2	736574-39-3	736574-40-6	736574-41-7	736574-42-8
	736574-43-9	736574-44-0	736574-45-1	736574-46-2	736574-47-3
	736574-48-4	736574-49-5	736574-50-8	736574-51-9	736574-52-0
	736574-53-1	736574-54-2	736574-55-3	736574-56-4	736574-57-5
	736574-58-6	736574-59-7	736574-60-0	736574-61-1	736574-62-2
	736574-63-3	736574-64-4	736574-65-5	736574-66-6	736574-67-7
	736574-68-8	736574-69-9	736574-70-2	736574-71-3	736574-72-4
	736574-73-5	736574-74-6	736574-75-7	736574-76-8	736574-77-9
	736574-78-0	736574-79-1	736574-80-4	736574-81-5	736574-82-6
	736574-83-7	736574-84-8	736574-85-9	736574-86-0	736574-87-1
	736574-88-2	736574-89-3	736574-90-6	736574-91-7	736574-92-8
	736574-93-9	736574-94-0	736574-95-1	736574-96-2	736574-97-3
	736574-98-4	736574-99-5	736575-00-1	736575-01-2	736575-02-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736575-03-4	736575-04-5	736575-05-6	736575-06-7	736575-07-8
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736575-08-9	736575-09-0	736575-10-3	736575-11-4	736575-12-5
736575-13-6	736575-14-7	736575-15-8	736575-16-9	736575-17-0
736575-18-1	736575-19-2	736575-20-5	736575-21-6	736575-22-7
736575-23-8	736575-24-9	736575-25-0	736575-26-1	736575-27-2
736575-28-3	736575-29-4	736575-30-7	736575-31-8	736575-32-9
736575-33-0	736575-34-1	736575-35-2	736575-36-3	736575-37-4
736575-38-5	736575-39-6	736575-40-9	736575-41-0	736575-42-1
736575-43-2	736575-44-3	736575-45-4	736575-46-5	736575-47-6
736575-48-7	736575-49-8	736575-50-1	736575-51-2	736575-52-3
736575-53-4	736575-54-5	736575-55-6	736575-56-7	736575-57-8
736575-58-9	736575-59-0	736575-60-3	736575-61-4	736575-62-5
736575-63-6	736575-64-7	736575-65-8	736575-66-9	736575-67-0
736575-68-1	736575-69-2	736575-70-5	736575-71-6	736575-72-7
736575-73-8	736575-74-9	736575-75-0	736575-76-1	736575-77-2
736575-78-3	736575-79-4	736575-80-7	736575-81-8	736575-82-9
736575-83-0	736575-84-1	736575-85-2	736575-86-3	736575-87-4
736575-88-5	736575-89-6	736575-90-9	736575-91-0	736575-92-1
736575-93-2	736575-94-3	736575-95-4	736575-96-5	736575-97-6
736575-98-7	736575-99-8	736576-00-4	736576-01-5	736576-02-6
736576-03-7	736576-04-8	736576-05-9	736576-06-0	736576-07-1
736576-08-2	736576-09-3	736576-10-6	736576-11-7	736576-12-8
736576-13-9	736576-14-0	736576-15-1	736576-16-2	736576-17-3
736576-18-4	736576-19-5	736576-20-8	736576-21-9	736576-22-0
736576-23-1	736576-24-2	736576-25-3	736576-26-4	736576-27-5
736576-28-6	736576-29-7	736576-30-0	736576-31-1	736576-32-2
736576-33-3	736576-34-4	736576-35-5	736576-36-6	736576-37-7
736576-38-8	736576-39-9	736576-40-2	736576-41-3	736576-42-4
736576-43-5	736576-44-6	736576-45-7	736576-46-8	736576-47-9
736576-48-0	736576-49-1	736576-50-4	736576-51-5	736576-52-6
736576-53-7	736576-54-8	736576-55-9	736576-56-0	736576-57-1
736576-58-2	736576-59-3	736576-60-6	736576-61-7	736576-62-8
736576-63-9	736576-64-0	736576-65-1	736576-66-2	736576-67-3
736576-68-4	736576-69-5	736576-70-8	736576-71-9	736576-72-0
736576-73-1	736576-74-2	736576-75-3	736576-76-4	736576-77-5
736576-78-6	736576-79-7	736576-80-0	736576-81-1	736576-82-2
736576-83-3	736576-84-4	736576-85-5	736576-86-6	736576-87-7
736576-88-8	736576-89-9	736576-90-2	736576-91-3	736576-92-4
736576-93-5	736576-94-6	736576-95-7	736576-96-8	736576-97-9
736576-98-0	736576-99-1	736577-00-7	736577-01-8	736577-02-9
736577-03-0	736577-04-1	736577-05-2	736577-06-3	736577-07-4
736577-08-5	736577-09-6	736577-10-9	736577-11-0	736577-12-1
736577-13-2	736577-14-3	736577-15-4	736577-16-5	736577-17-6
736577-18-7	736577-19-8	736577-20-1	736577-21-2	736577-22-3
736577-23-4	736577-24-5	736577-25-6	736577-26-7	736577-27-8
736577-28-9	736577-29-0	736577-30-3	736577-31-4	736577-32-5
736577-33-6	736577-34-7	736577-35-8	736577-36-9	736577-37-0

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736577-38-1	736577-39-2	736577-40-5	736577-41-6	736577-42-7
	736577-43-8	736577-44-9	736577-45-0	736577-46-1	736577-47-2
	736577-48-3	736577-49-4	736577-50-7	736577-51-8	736577-52-9
	736577-53-0	736577-54-1	736577-55-2	736577-56-3	736577-57-4
	736577-58-5	736577-59-6	736577-60-9	736577-61-0	736577-62-1
	736577-63-2	736577-64-3	736577-65-4	736577-66-5	736577-67-6
	736577-68-7	736577-69-8	736577-70-1	736577-71-2	736577-72-3
	736577-73-4	736577-74-5	736577-75-6	736577-76-7	736577-77-8
	736577-78-9	736577-79-0	736577-80-3	736577-81-4	736577-82-5
	736577-83-6	736577-84-7	736577-85-8	736577-86-9	736577-87-0
	736577-88-1	736577-89-2	736577-90-5	736577-91-6	736577-92-7
	736577-93-8	736577-94-9	736577-95-0	736577-96-1	736577-97-2
	736577-98-3	736577-99-4	736578-00-0	736578-01-1	736578-02-2
	736578-03-3	736578-04-4	736578-05-5	736578-06-6	736578-07-7
	736578-08-8	736578-09-9	736578-10-2	736578-11-3	736578-12-4
	736578-13-5	736578-14-6	736578-15-7	736578-16-8	736578-17-9

736578-18-0	736578-19-1	736578-20-4	736578-21-5	736578-22-6
736578-23-7	736578-24-8	736578-25-9	736578-26-0	736578-27-1
736578-28-2	736578-29-3	736578-30-6	736578-31-7	736578-32-8
736578-33-9	736578-34-0	736578-35-1	736578-36-2	736578-37-3
736578-38-4	736578-39-5	736578-40-8	736578-41-9	736578-42-0
736578-43-1	736578-44-2	736578-45-3	736578-46-4	736578-47-5
736578-48-6	736578-49-7	736578-50-0	736578-51-1	736578-52-2
736578-53-3	736578-54-4	736578-55-5	736578-56-6	736578-57-7
736578-58-8	736578-59-9	736578-60-2	736578-61-3	736578-62-4
736578-63-5	736578-64-6	736578-65-7	736578-66-8	736578-67-9
736578-68-0	736578-69-1	736578-70-4	736578-71-5	736578-72-6
736578-73-7	736578-74-8	736578-75-9	736578-76-0	736578-77-1
736578-78-2	736578-79-3	736578-80-6	736578-81-7	736578-82-8
736578-83-9	736578-84-0	736578-85-1	736578-86-2	736578-87-3
736578-88-4	736578-89-5	736578-90-8	736578-91-9	736578-92-0
736578-93-1	736578-94-2	736578-95-3	736578-96-4	736578-97-5
736578-98-6	736578-99-7	736579-00-3	736579-01-4	736579-02-5
736579-03-6	736579-04-7	736579-05-8	736579-06-9	736579-07-0
736579-08-1	736579-09-2	736579-10-5	736579-11-6	736579-12-7
736579-13-8	736579-14-9	736579-15-0	736579-16-1	736579-17-2
736579-18-3	736579-19-4	736579-20-7	736579-21-8	736579-22-9
736579-23-0	736579-24-1	736579-25-2	736579-26-3	736579-27-4
736579-28-5	736579-29-6	736579-30-9	736579-31-0	736579-32-1
736579-33-2	736579-34-3	736579-35-4	736579-36-5	736579-37-6
736579-38-7	736579-39-8	736579-40-1	736579-41-2	736579-42-3
736579-43-4	736579-44-5	736579-45-6	736579-46-7	736579-47-8
736579-48-9	736579-49-0	736579-50-3	736579-51-4	736579-52-5
736579-53-6	736579-54-7	736579-55-8	736579-56-9	736579-57-0
736579-58-1	736579-59-2	736579-60-5	736579-61-6	736579-62-7
736579-63-8	736579-64-9	736579-65-0	736579-66-1	736579-67-2
736579-68-3	736579-69-4	736579-70-7	736579-71-8	736579-72-9

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736579-73-0	736579-74-1	736579-75-2	736579-76-3	736579-77-4
	736579-78-5	736579-79-6	736579-80-9	736579-81-0	736579-82-1
	736579-83-2	736579-84-3	736579-85-4	736579-86-5	736579-87-6
	736579-88-7	736579-89-8	736579-90-1	736579-91-2	736579-92-3
	736579-93-4	736579-94-5	736579-95-6	736579-96-7	736579-97-8
	736579-98-9	736579-99-0	736580-00-0	736580-01-1	736580-02-2
	736580-03-3	736580-04-4	736580-05-5	736580-06-6	736580-07-7
	736580-08-8	736580-09-9	736580-10-2	736580-11-3	736580-12-4
	736580-13-5	736580-14-6	736580-15-7	736580-16-8	736580-17-9
	736580-18-0	736580-19-1	736580-20-4	736580-21-5	736580-22-6
	736580-23-7	736580-24-8	736580-25-9	736580-26-0	736580-27-1
	736580-28-2	736580-29-3	736580-30-6	736580-31-7	736580-32-8
	736580-33-9	736580-34-0	736580-35-1	736580-36-2	736580-37-3
	736580-38-4	736580-39-5	736580-40-8	736580-41-9	736580-42-0
	736580-43-1	736580-44-2	736580-45-3	736580-46-4	736580-47-5
	736580-48-6	736580-49-7	736580-50-0	736580-51-1	736580-52-2
	736580-53-3	736580-54-4	736580-55-5	736580-56-6	736580-57-7
	736580-58-8	736580-59-9	736580-60-2	736580-61-3	736580-62-4
	736580-63-5	736580-64-6	736580-65-7	736580-66-8	736580-67-9
	736580-68-0	736580-69-1	736580-70-4	736580-71-5	736580-72-6
	736580-73-7	736580-74-8	736580-75-9	736580-76-0	736580-77-1
	736580-78-2	736580-79-3	736580-80-6	736580-81-7	736580-82-8
	736580-83-9	736580-84-0	736580-85-1	736580-86-2	736580-87-3
	736580-88-4	736580-89-5	736580-90-8	736580-91-9	736580-92-0
	736580-93-1	736580-94-2	736580-95-3	736580-96-4	736580-97-5
	736580-98-6	736580-99-7	736581-00-3	736581-01-4	736581-02-5
	736581-03-6	736581-04-7	736581-05-8	736581-06-9	736581-07-0
	736581-08-1	736581-09-2	736581-10-5	736581-11-6	736581-12-7
	736581-13-8	736581-14-9	736581-15-0	736581-16-1	736581-17-2
	736581-18-3	736581-19-4	736581-20-7	736581-21-8	736581-22-9
	736581-23-0	736581-24-1	736581-25-2	736581-26-3	736581-27-4

736581-28-5	736581-29-6	736581-30-9	736581-31-0	736581-32-1
736581-33-2	736581-34-3	736581-35-4	736581-36-5	736581-37-6
736581-38-7	736581-39-8	736581-40-1	736581-41-2	736581-42-3
736581-43-4	736581-44-5	736581-45-6	736581-46-7	736581-47-8
736581-48-9	736581-49-0	736581-50-3	736581-51-4	736581-52-5
736581-53-6	736581-54-7	736581-55-8	736581-56-9	736581-57-0
736581-58-1	736581-59-2	736581-60-5	736581-61-6	736581-62-7
736581-63-8	736581-64-9	736581-65-0	736581-66-1	736581-67-2
736581-68-3	736581-69-4	736581-70-7	736581-71-8	736581-72-9
736581-73-0	736581-74-1	736581-75-2	736581-76-3	736581-77-4
736581-78-5	736581-79-6	736581-80-9	736581-81-0	736581-82-1
736581-83-2	736581-84-3	736581-85-4	736581-86-5	736581-87-6
736581-88-7	736581-89-8	736581-90-1	736581-91-2	736581-92-3
736581-93-4	736581-94-5	736581-95-6	736581-96-7	736581-97-8
736581-98-9	736581-99-0	736582-00-6	736582-01-7	736582-02-8
736582-03-9	736582-04-0	736582-05-1	736582-06-2	736582-07-3

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736582-08-4	736582-09-5	736582-10-8	736582-11-9	736582-12-0
	736582-13-1	736582-14-2	736582-15-3	736582-16-4	736582-17-5
	736582-18-6	736582-19-7	736582-20-0	736582-21-1	736582-22-2
	736582-23-3	736582-24-4	736582-25-5	736582-26-6	736582-27-7
	736582-28-8	736582-29-9	736582-30-2	736582-31-3	736582-32-4
	736582-33-5	736582-34-6	736582-35-7	736582-36-8	736582-37-9
	736582-38-0	736582-39-1	736582-40-4	736582-41-5	736582-42-6
	736582-43-7	736582-44-8	736582-45-9	736582-46-0	736582-47-1
	736582-48-2	736582-49-3	736582-50-6	736582-51-7	736582-52-8
	736582-53-9	736582-54-0	736582-55-1	736582-56-2	736582-57-3
	736582-58-4	736582-59-5	736582-60-8	736582-61-9	736582-62-0
	736582-63-1	736582-64-2	736582-65-3	736582-66-4	736582-67-5
	736582-68-6	736582-69-7	736582-70-0	736582-71-1	736582-72-2
	736582-73-3	736582-74-4	736582-75-5	736582-76-6	736582-77-7
	736582-78-8	736582-79-9	736582-80-2	736582-81-3	736582-82-4
	736582-83-5	736582-84-6	736582-85-7	736582-86-8	736582-87-9
	736582-88-0	736582-89-1	736582-90-4	736582-91-5	736582-92-6
	736582-93-7	736582-94-8	736582-95-9	736582-96-0	736582-97-1
	736582-98-2	736582-99-3	736583-00-9	736583-01-0	736583-02-1
	736583-03-2	736583-04-3	736583-05-4	736583-06-5	736583-07-6
	736583-08-7	736583-09-8	736583-10-1	736583-11-2	736583-12-3
	736583-13-4	736583-14-5	736583-15-6	736583-16-7	736583-17-8
	736583-18-9	736583-19-0	736583-20-3	736583-21-4	736583-22-5
	736583-23-6	736583-24-7	736583-25-8	736583-26-9	736583-27-0
	736583-28-1	736583-29-2	736583-30-5	736583-31-6	736583-32-7
	736583-33-8	736583-34-9	736583-35-0	736583-36-1	736583-37-2
	736583-38-3	736583-39-4	736583-40-7	736583-41-8	736583-42-9
	736583-43-0	736583-44-1	736583-45-2	736583-46-3	736583-47-4
	736583-48-5	736583-49-6	736583-50-9	736583-51-0	736583-52-1
	736583-53-2	736583-54-3	736583-55-4	736583-56-5	736583-57-6
	736583-58-7	736583-59-8	736583-60-1	736583-61-2	736583-62-3
	736583-63-4	736583-64-5	736583-65-6	736583-66-7	736583-67-8
	736583-68-9	736583-69-0	736583-70-3	736583-71-4	736583-72-5
	736583-73-6	736583-74-7	736583-75-8	736583-76-9	736583-77-0
	736583-78-1	736583-79-2	736583-80-5	736583-81-6	736583-82-7
	736583-83-8	736583-84-9	736583-85-0	736583-86-1	736583-87-2
	736583-88-3	736583-89-4	736583-90-7	736583-91-8	736583-92-9
	736583-93-0	736583-94-1	736583-95-2	736583-96-3	736583-97-4
	736583-98-5	736583-99-6	736584-00-2	736584-01-3	736584-02-4
	736584-03-5	736584-04-6	736584-05-7	736584-06-8	736584-07-9
	736584-08-0	736584-09-1	736584-10-4	736584-11-5	736584-12-6
	736584-13-7	736584-14-8	736584-15-9	736584-16-0	736584-17-1
	736584-18-2	736584-19-3	736584-20-6	736584-21-7	736584-22-8
	736584-23-9	736584-24-0	736584-25-1	736584-26-2	736584-27-3
	736584-28-4	736584-29-5	736584-30-8	736584-31-9	736584-32-0
	736584-33-1	736584-34-2	736584-35-3	736584-36-4	736584-37-5

736584-38-6 736584-39-7 736584-40-0 736584-41-1 736584-42-2
 RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT	736584-43-3	736584-44-4	736584-45-5	736584-46-6	736584-47-7
	736584-48-8	736584-49-9	736584-50-2	736584-51-3	736584-52-4
	736584-53-5	736584-54-6	736584-55-7	736584-56-8	736584-57-9
	736584-58-0	736584-59-1	736584-60-4	736584-61-5	736584-62-6
	736584-63-7	736584-64-8	736584-65-9	736584-66-0	736584-67-1
	736584-68-2	736584-69-3	736584-70-6	736584-71-7	736584-72-8
	736584-73-9	736584-74-0	736584-75-1	736584-76-2	736584-77-3
	736584-78-4	736584-79-5	736584-80-8	736584-81-9	736584-82-0
	736584-83-1	736584-84-2	736584-85-3	736584-86-4	736584-87-5
	736584-88-6	736584-89-7	736584-90-0	736584-91-1	736584-92-2
	736584-93-3	736584-94-4	736584-95-5	736584-96-6	736584-97-7
	736584-98-8	736584-99-9	736585-00-5	736585-01-6	736585-02-7
	736585-03-8	736585-04-9	736585-05-0	736585-06-1	736585-07-2
	736585-08-3	736585-09-4	736585-10-7	736585-11-8	736585-12-9
	736585-13-0	736585-14-1	736585-15-2	736585-16-3	736585-17-4
	736585-18-5	736585-19-6	736585-20-9	736585-21-0	736585-22-1
	736585-23-2	736585-24-3	736585-25-4	736585-26-5	736585-27-6
	736585-28-7	736585-29-8	736585-30-1	736585-31-2	736585-32-3
	736585-33-4	736585-34-5	736585-35-6	736585-36-7	736585-37-8
	736585-38-9	736585-39-0	736585-40-3	736585-41-4	736585-42-5
	736585-43-6	736585-44-7	736585-45-8	736585-46-9	736585-47-0
	736585-48-1	736585-49-2	736585-50-5	736585-51-6	736585-52-7
	736585-53-8	736585-54-9	736585-55-0	736585-56-1	736585-57-2
	736585-58-3	736585-59-4	736585-60-7	736585-61-8	736585-62-9
	736585-63-0	736585-64-1	736585-65-2	736585-66-3	736585-67-4
	736585-68-5	736585-69-6	736585-70-9	736585-71-0	736585-72-1
	736585-73-2	736585-74-3	736585-75-4	736585-76-5	736585-77-6
	736585-78-7	736585-79-8	736585-80-1	736585-81-2	736585-82-3
	736585-83-4	736585-84-5	736585-85-6	736585-86-7	736585-87-8
	736585-88-9	736585-89-0	736585-90-3	736585-91-4	736585-92-5
	736585-93-6	736585-94-7	736585-95-8	736585-96-9	736585-97-0
	736585-98-1	736585-99-2	736586-00-8	736586-01-9	736586-02-0
	736586-03-1	736586-04-2	736586-05-3	736586-06-4	736586-07-5
	736586-08-6	736586-09-7	736586-10-0	736586-11-1	736586-12-2
	736586-13-3	736586-14-4	736586-15-5	736586-16-6	736586-17-7
	736586-18-8	736586-19-9	736586-20-2	736586-21-3	736586-22-4
	736586-23-5	736586-24-6	736586-25-7	736586-26-8	736586-27-9
	736586-28-0	736586-29-1	736586-30-4	736586-31-5	736586-32-6
	736586-33-7	736586-34-8	736586-35-9	736586-36-0	736586-37-1
	736586-38-2	736586-39-3	736586-40-6	736586-41-7	736586-42-8
	736586-43-9	736586-44-0	736586-45-1	736586-46-2	736586-47-3
	736586-48-4	736586-49-5	736586-50-8	736586-51-9	736586-52-0
	736586-53-1	736586-54-2	736586-55-3	736586-56-4	736586-57-5
	736586-58-6	736586-59-7	736586-60-0	736586-61-1	736586-62-2
	736586-63-3	736586-64-4	736586-65-5	736586-66-6	736586-67-7
	736586-68-8	736586-69-9	736586-70-2	736586-71-3	736586-72-4
	736586-73-5	736586-74-6	736586-75-7	736586-76-8	736586-77-9

RL: BSU (Biological study, unclassified); BUU (Biological use,
 unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
 (amino acid sequence; rice nucleic acid mols. and encoded proteins and
 their uses for plant improvement)

IT	736586-78-0	736586-79-1	736586-80-4	736586-81-5	736586-82-6
	736586-83-7	736586-84-8	736586-85-9	736586-86-0	736586-87-1
	736586-88-2	736586-89-3	736586-90-6	736586-91-7	736586-92-8
	736586-93-9	736586-94-0	736586-95-1	736586-96-2	736586-97-3
	736586-98-4	736586-99-5	736587-00-1	736587-01-2	736587-02-3
	736587-03-4	736587-04-5	736587-05-6	736587-06-7	736587-07-8
	736587-08-9	736587-09-0	736587-10-3	736587-11-4	736587-12-5
	736587-13-6	736587-14-7	736587-15-8	736587-16-9	736587-17-0
	736587-18-1	736587-19-2	736587-20-5	736587-21-6	736587-22-7
	736587-23-8	736587-24-9	736587-25-0	736587-26-1	736587-27-2

736587-28-3	736587-29-4	736587-30-7	736587-31-8	736587-32-9
736587-33-0	736587-34-1	736587-35-2	736587-36-3	736587-37-4
736587-38-5	736587-39-6	736587-40-9	736587-41-0	736587-42-1
736587-43-2	736587-44-3	736587-45-4	736587-46-5	736587-47-6
736587-48-7	736587-49-8	736587-50-1	736587-51-2	736587-52-3
736587-53-4	736587-54-5	736587-55-6	736587-56-7	736587-57-8
736587-58-9	736587-59-0	736587-60-3	736587-61-4	736587-62-5
736587-63-6	736587-64-7	736587-65-8	736587-66-9	736587-67-0
736587-68-1	736587-69-2	736587-70-5	736587-71-6	736587-72-7
736587-73-8	736587-74-9	736587-75-0	736587-76-1	736587-77-2
736587-78-3	736587-79-4	736587-80-7	736587-81-8	736587-82-9
736587-83-0	736587-84-1	736587-85-2	736587-86-3	736587-87-4
736587-88-5	736587-89-6	736587-90-9	736587-91-0	736587-92-1
736587-93-2	736587-94-3	736587-95-4	736587-96-5	736587-97-6
736587-98-7	736587-99-8	736588-00-4	736588-01-5	736588-02-6
736588-03-7	736588-04-8	736588-05-9	736588-06-0	736588-07-1
736588-08-2	736588-09-3	736588-10-6	736588-11-7	736588-12-8
736588-13-9	736588-14-0	736588-15-1	736588-16-2	736588-17-3
736588-18-4	736588-19-5	736588-20-8	736588-21-9	736588-22-0
736588-23-1	736588-24-2	736588-25-3	736588-26-4	736588-27-5
736588-28-6	736588-29-7	736588-30-0	736588-31-1	736588-32-2
736588-33-3	736588-34-4	736588-35-5	736588-36-6	736588-37-7
736588-38-8	736588-39-9	736588-40-2	736588-41-3	736588-42-4
736588-43-5	736588-44-6	736588-45-7	736588-46-8	736588-47-9
736588-48-0	736588-49-1	736588-50-4	736588-51-5	736588-52-6
736588-53-7	736588-54-8	736588-55-9	736588-56-0	736588-57-1
736588-58-2	736588-59-3	736588-60-6	736588-61-7	736588-62-8
736588-63-9	736588-64-0	736588-65-1	736588-66-2	736588-67-3
736588-68-4	736588-69-5	736588-70-8	736588-71-9	736588-72-0
736588-73-1	736588-74-2	736588-75-3	736588-76-4	736588-77-5
736588-78-6	736588-79-7	736588-80-0	736588-81-1	736588-82-2
736588-83-3	736588-84-4	736588-85-5	736588-86-6	736588-87-7
736588-88-8	736588-89-9	736588-90-2	736588-91-3	736588-92-4
736588-93-5	736588-94-6	736588-95-7	736588-96-8	736588-97-9
736588-98-0	736588-99-1	736589-00-7	736589-01-8	736589-02-9
736589-03-0	736589-04-1	736589-05-2	736589-06-3	736589-07-4
736589-08-5	736589-09-6	736589-10-9	736589-11-0	736589-12-1

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses) (amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736589-13-2	736589-14-3	736589-15-4	736589-16-5	736589-17-6
	736589-18-7	736589-19-8	736589-20-1	736589-21-2	736589-22-3
	736589-23-4	736589-24-5	736589-25-6	736589-26-7	736589-27-8
	736589-28-9	736589-29-0	736589-30-3	736589-31-4	736589-32-5
	736589-33-6	736589-34-7	736589-35-8	736589-36-9	736589-37-0
	736589-38-1	736589-39-2	736589-40-5	736589-41-6	736589-42-7
	736589-43-8	736589-44-9	736589-45-0	736589-46-1	736589-47-2
	736589-48-3	736589-49-4	736589-50-7	736589-51-8	736589-52-9
	736589-53-0	736589-54-1	736589-55-2	736589-56-3	736589-57-4
	736589-58-5	736589-59-6	736589-60-9	736589-61-0	736589-62-1
	736589-63-2	736589-64-3	736589-65-4	736589-66-5	736589-67-6
	736589-68-7	736589-69-8	736589-70-1	736589-71-2	736589-72-3
	736589-73-4	736589-74-5	736589-75-6	736589-76-7	736589-77-8
	736589-78-9	736589-79-0	736589-80-3	736589-81-4	736589-82-5
	736589-83-6	736589-84-7	736589-85-8	736589-86-9	736589-87-0
	736589-88-1	736589-89-2	736589-90-5	736589-91-6	736589-92-7
	736589-93-8	736589-94-9	736589-95-0	736589-96-1	736589-97-2
	736589-98-3	736589-99-4	736590-00-4	736590-01-5	736590-02-6
	736590-03-7	736590-04-8	736590-05-9	736590-06-0	736590-07-1
	736590-08-2	736590-09-3	736590-10-6	736590-11-7	736590-12-8
	736590-13-9	736590-14-0	736590-15-1	736590-16-2	736590-17-3
	736590-18-4	736590-19-5	736590-20-8	736590-21-9	736590-22-0
	736590-23-1	736590-24-2	736590-25-3	736590-26-4	736590-27-5
	736590-28-6	736590-29-7	736590-30-0	736590-31-1	736590-32-2
	736590-33-3	736590-34-4	736590-35-5	736590-36-6	736590-37-7

736590-38-8	736590-39-9	736590-40-2	736590-41-3	736590-42-4
736590-43-5	736590-44-6	736590-45-7	736590-46-8	736590-47-9
736590-48-0	736590-49-1	736590-50-4	736590-51-5	736590-52-6
736590-53-7	736590-54-8	736590-55-9	736590-56-0	736590-57-1
736590-58-2	736590-59-3	736590-60-6	736590-61-7	736590-62-8
736590-63-9	736590-64-0	736590-65-1	736590-66-2	736590-67-3
736590-68-4	736590-69-5	736590-70-8	736590-71-9	736590-72-0
736590-73-1	736590-74-2	736590-75-3	736590-76-4	736590-77-5
736590-78-6	736590-79-7	736590-80-0	736590-81-1	736590-82-2
736590-83-3	736590-84-4	736590-85-5	736590-86-6	736590-87-7
736590-88-8	736590-89-9	736590-90-2	736590-91-3	736590-92-4
736590-93-5	736590-94-6	736590-95-7	736590-96-8	736590-97-9
736590-98-0	736590-99-1	736591-00-7	736591-01-8	736591-02-9
736591-03-0	736591-04-1	736591-05-2	736591-06-3	736591-07-4
736591-08-5	736591-09-6	736591-10-9	736591-11-0	736591-12-1
736591-13-2	736591-14-3	736591-15-4	736591-16-5	736591-17-6
736591-18-7	736591-19-8	736591-20-1	736591-21-2	736591-22-3
736591-23-4	736591-24-5	736591-25-6	736591-26-7	736591-27-8
736591-28-9	736591-29-0	736591-30-3	736591-31-4	736591-32-5
736591-33-6	736591-34-7	736591-35-8	736591-36-9	736591-37-0
736591-38-1	736591-39-2	736591-40-5	736591-41-6	736591-42-7
736591-43-8	736591-44-9	736591-45-0	736591-46-1	736591-47-2

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT	736591-48-3	736591-49-4	736591-50-7	736591-51-8	736591-52-9
	736591-53-0	736591-54-1	736591-55-2	736591-56-3	736591-57-4
	736591-58-5	736591-59-6	736591-60-9	736591-61-0	736591-62-1
	736591-63-2	736591-64-3	736591-65-4	736591-66-5	736591-67-6
	736591-68-7	736591-69-8	736591-70-1	736591-71-2	736591-72-3
	736591-73-4	736591-74-5	736591-75-6	736591-76-7	736591-77-8
	736591-78-9	736591-79-0	736591-80-3	736591-81-4	736591-82-5
	736591-83-6	736591-84-7	736591-85-8	736591-86-9	736591-87-0
	736591-88-1	736591-89-2	736591-90-5	736591-91-6	736591-92-7
	736591-93-8	736591-94-9	736591-95-0	736591-96-1	736591-97-2
	736591-98-3	736591-99-4	736592-00-0	736592-01-1	736592-02-2
	736592-03-3	736592-04-4	736592-05-5	736592-06-6	

RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 9005-53-2, Lignin, biological studies 11078-30-1, Galactomannan
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(improved production of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 7723-14-0, Phosphorus, biological studies 7727-37-9, Nitrogen, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(improved use and/or uptake of; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

IT 736563-64-7 736568-91-5
RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(amino acid sequence; rice nucleic acid mols. and encoded proteins and their uses for plant improvement)

RN 736563-64-7 HCAPLUS
CN Protein (Oryza sativa clone PAT_MRT4530_70308C.1.pep fragment) (9CI) (CA INDEX NAME)

SEQ 1 MVVEEAVVAA GNEMSLSNMV LGFYEEAELQ SSPPGDCAA AGDDDDGSD
51 EGSGGAACKR AFWKEQSQL YEALAKMSSA ESRIQADAE AMRQMRAAAA
101 GACSCASRGA AAAAGSGGC RSCTLRFLAE RLRDAGYN SA ICRSKWPRSP
151 EIPSGEHSYV DVVAPTRSGK AVRVRVVEPSF RGEFEMARGG AGYRALVASL
201 PEA FVGRADR LRGVVRVMCA AAKQCARESG MHMAPWRKQR YMEAKWLATP

251 ERVAPPGNAG GAGDAVAVGS PSSPLSPGMT NRQMQPKFRA SMLTLDFGGR
301 TAVEVV

RN 736568-91-5 HCAPLUS
CN Protein (Oryza sativa clone PAT_MRT4530_70789C.1.pep fragment) (9CI) (CA
INDEX NAME)

SEQ 1 MEKWSRGLSC RAAICGIVVL LCATAFSCSL AAEFRKVKEK DMKLDGSLCS
51 LPKSSAFELG VAAIAFLSVA QLVGTTAAAT TMCAASKRSK SSTTRRRAAS
101 VAILVLSWVS FALAVVLLAT AASMNHGQRY GRGWMDGDCY VARNGVFGGA
151 AALVVVTALL ILGLTSTTKS SSCATSAASA TTTIRLDAAA TDAEQASGRS
201 KQ

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FILE 'HOME' ENTERED AT 13:40:59 ON 16 AUG 2005

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